PROPOSED PERMANENT REGULATION OF THE NEVADA STATE ENVIRONMENTAL COMMISSION

Explanation – Matter in bold blue and italics is *new*; matter in bold red and strikeout is ~~material to be omitted~~.

AUTHORITY: §§1-318, NRS 445A.425 and 445A.520.

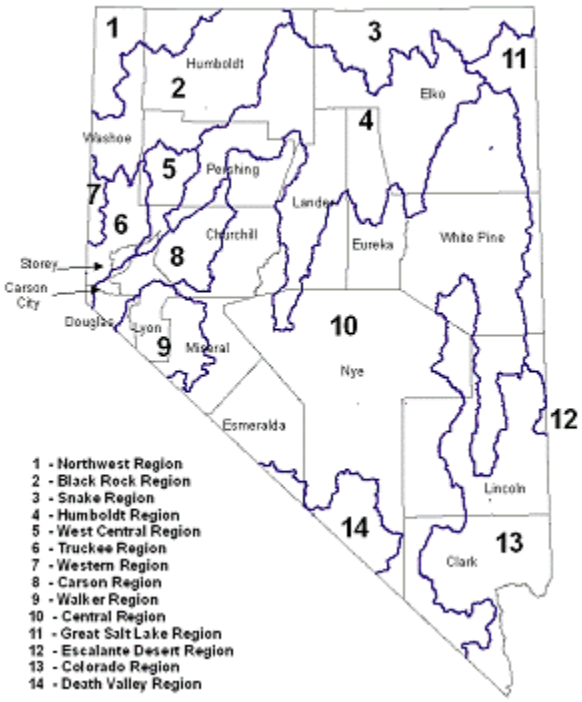
A REGULATION relating to water quality; making various changes in provisions that establish standards for water quality; and providing other matters properly relating thereto.

P2012-08 WATER QUALITY STANDARDS REVISIONS FECAL COLIFORM STANDARDS

Legislative Counsel Bureau Drafters Note: Instructions for Petition P2012-08
This is a statewide change to the fecal coliform parameter which affects most of the water quality standards tables within NAC 445A.1254 to NAC 445A.2234.

NAC 445A.1242 Hydrographic regions. (NRS 445A.425**,** 445A.520**)** The designated beneficial uses and water quality standards for select bodies of water within the 14 hydrographic regions of Nevada, as established by the Division of Water Resources of the Department and the United States Geological Survey in 1968, are set forth in the following table for each region as follows:

Region No.	Hydrographic Region	NAC Reference for:	
		Beneficial Uses	Water Quality Standards
1	Northwest Region	NAC 445A.1252	NAC 445A.1254 to 445A.1268, inclusive
2	Black Rock Region	NAC 445A.1282	NAC 445A.1284 to 445A.1316, inclusive
3	Snake Region	NAC 445A.1332	NAC 445A.1334 to 445A.1412, inclusive
4	Humboldt Region	NAC 445A.1432	NAC 445A.1434 to 445A.1578, inclusive
5	West Central Region	NAC 445A.1612	NAC 445A.1614
6	Truckee Region	NAC 445A.1622	NAC 445A.1624 to 445A.1764, inclusive
7	Western Region	NAC 445A.1782	NAC 445A.1784
8	Carson Region	NAC 445A.1792	NAC 445A.1794 to 445A.1864, inclusive
9	Walker Region	NAC 445A.1882	NAC 445A.1884 to 445A.1934, inclusive
10	Central Region	NAC 445A.1952	NAC 445A.1954 to 445A.2068, inclusive
11	Great Salt Lake Region	NAC 445A.2092	NAC 445A.2094 to 445A.2112, inclusive
12	Escalante Desert Region	NAC 445A.2132	NAC 445A.2134
13	Colorado Region	NAC 445A.2142	NAC 445A.2144 to 445A.2214, inclusive
14	Death Valley Region	NAC 445A.2232	NAC 445A.2234



(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1252 Northwest Region: Designated beneficial uses. (NRS 445A.425**,** 445A.520**)** The designated beneficial uses for select bodies of water within the Northwest Region are prescribed in this section:

		Beneficial Uses											
Water Body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Life Species of Concern	Water Quality Standard NAC Reference
Boulder Reservoir	The entire reservoir.	X	X	X	X	X	X		X					NAC 445A.1256
Blue Lakes	The entire area.	X	X	X	X	X	X		X					NAC 445A.1258
Catnip Reservoir	The entire reservoir.	X	X	X	X	X	X		X					NAC 445A.1262
Wall Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1264
Knott Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1266
Onion Valley Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1268

Livestock	Watering of livestock
Irrigation	Irrigation
Aquatic	Propagation of aquatic life
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Municipal	Municipal or domestic supply, or both
Industrial	Industrial supply
Wildlife	Propagation of wildlife
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1254 Northwest Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Northwest Region are prescribed in NAC 445A.1254 to 445A.1268, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1256 Northwest Region: Boulder Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Boulder Reservoir. Boulder Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY
Boulder Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

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(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1258 Northwest Region: Blue Lakes. (NRS 445A.425, 445A.520**)** The limits of this table apply to the entire body of water known as Blue Lakes. Blue Lakes is located in Humboldt County.

STANDARDS OF WATER QUALITY
Blue Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1262 Northwest Region: Catnip Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Catnip Reservoir. Catnip Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY
Catnip Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 298				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1264 Northwest Region: Wall Canyon Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Wall Canyon Reservoir. Wall Canyon Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY
Wall Canyon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1266 Northwest Region: Knott Creek Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Knott Creek Reservoir. Knott Creek Reservoir is located in Humboldt County.

STANDARDS OF WATER QUALITY
Knott Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1268 Northwest Region: Onion Valley Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Onion Valley Reservoir. Onion Valley Reservoir is located in Humboldt County.

STANDARDS OF WATER QUALITY
Onion Valley Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1282 Black Rock Region: Designated beneficial uses. (NRS 445A.425**,** 445A.520**)** The designated beneficial uses for select bodies of water within the Black Rock Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Smoke Creek	From the California-Nevada state line to the Smoke Creek Desert.	X	X	X	X	X			X					NAC 445A.1286
Squaw Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1288
Negro Creek	From its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1292
Summit Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1294
Mahogany Creek	From its origin to Summit Lake.	X	X	X	X	X	X		X					NAC 445A.1296
Leonard Creek	From its origin to the first point of diversion, near the south line of section 12, T. 42 N., R. 28 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1298
Bilk Creek, upper	From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1302
Bilk Creek at Bilk Creek Reservoir	From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1304
Bilk Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1306
Bottle Creek	From its origin to the first point of diversion, near the east line of section 23, T. 40 N., R. 32 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1308
Quinn River, East and South Forks	From their origin to the confluence of the East and South Forks, except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.	X	X	X	X	X	X		X					NAC 445A.1312

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Quinn River (the slough)	From the Oregon-Nevada state line in section 31, T. 48 N., R. 38 E., M.D.B. & M., to the confluence with the main tributary of the Quinn River at the south line of section 17, T. 47 N., R. 38 E., M.D.B. & M., except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.	X	X	X		X		X	X					NAC 445A.1316

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R127-10, 12-16-2010; R129-10, 1-13-2011)

NAC 445A.1284 Black Rock Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Black Rock Region are prescribed in NAC 445A.1284 to 445A.1316, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1286 Black Rock Region: Smoke Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Smoke Creek from the California-Nevada state line to the Smoke Creek Desert. Smoke Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Smoke Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X			X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Summer ≤ 25.0 S.V. Winter ≤ 14.0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*				*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1[b]			*	*	X						
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0	X X		* *					X X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		Total Nitrogen[b]			*	*							
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X			X			
Turbidity - NTU		S.V. ≤ 50			*								
Total Dissolved Solids - mg/l		S.V. ≤ 1,000	X	*									
Chlorides - mg/l		S.V. ≤ 250	X		*					X			
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X			* X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Total Ammonia (as N) - mg/l		[c]			*								

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R127-10, 12-16-2010)

NAC 445A.1288 Black Rock Region: Squaw Creek Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Squaw Creek Reservoir. Squaw Creek Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY
Squaw Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1292 Black Rock Region: Negro Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Negro Creek from its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M. Negro Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Negro Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔTb - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1294 Black Rock Region: Summit Lake. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Summit Lake. Summit Lake is located in Humboldt County.

STANDARDS OF WATER QUALITY
Summit Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1296 Black Rock Region: Mahogany Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Mahogany Creek from its origin to Summit Lake. Mahogany Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Mahogany Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1298 Black Rock Region: Leonard Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Leonard Creek from its origin to the first point of diversion, near the south line of section 12, T. 42 N., R. 28 E., M.D.B. & M. Leonard Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Leonard Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1302 Black Rock Region: Bilk Creek, upper. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Bilk Creek from its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M. This segment of Bilk Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Bilk Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1304 Black Rock Region: Bilk Creek at Bilk Creek Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Bilk Creek from its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir. This segment of Bilk Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Bilk Creek at Bilk Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1306 Black Rock Region: Bilk Creek Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Bilk Creek Reservoir. Bilk Creek Reservoir is located in Humboldt County.

STANDARDS OF WATER QUALITY
Bilk Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1308 Black Rock Region: Bottle Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Bottle Creek from its origin to the first point of diversion, near the east line of section 23, T. 40 N., R. 32 E., M.D.B. & M. Bottle Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Bottle Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1312 Black Rock Region: Quinn River, East and South Forks. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East and South Forks of the Quinn River from their origin to the confluence of the East and South Forks, except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation. This segment of the East and South Forks of the Quinn River is located in Humboldt County.

STANDARDS OF WATER QUALITY
Quinn River, East and South Forks

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.1316 Black Rock Region: Quinn River (the slough). (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Quinn River from the Oregon-Nevada state line in section 31, T. 48 N., R. 38 E., M.D.B. & M., to the confluence with the main tributary of the Quinn River at the south line of section 17, T. 47 N., R. 38 E., M.D.B. & M., except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation. This segment of the Quinn River is located in Humboldt County.

STANDARDS OF WATER QUALITY
Quinn River (the slough)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 630					*						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.1332 Snake Region: Designated beneficial uses. (NRS 445A.425, 445A.520) The designated beneficial uses for select bodies of water within the Snake Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Goose Creek	Within the State of Nevada.	X	X	X	X	X	X	X	X					NAC 445A.1336
Salmon Falls Creek	From the confluence of the North and South Forks of Salmon Falls Creek to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X					NAC 445A.1338
Shoshone Creek	From the Nevada-Idaho state line to its confluence with Salmon Falls Creek.	X	X	X	X	X	X	X	X					NAC 445A.1342
Jarbidge River, East Fork	From its origin to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X					NAC 445A.1344
Jarbidge River, above Jarbidge	From its origin to the bridge above the town of Jarbidge.	X	X	X	X	X	X	X	X					NAC 445A.1346
Jarbidge River, below Jarbidge	From the bridge above the town of Jarbidge to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X					NAC 445A.1348
Bruneau River	From its origin to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X					NAC 445A.1352
Owyhee River, above Mill Creek	From Wildhorse Reservoir to its confluence with Mill Creek.	X	X	X	X	X	X	X	X					NAC 445A.1354
Owyhee River, below Mill Creek	From its confluence with Mill Creek to the border of the Duck Valley Indian Reservation.	X	X	X	X	X	X	X	X					NAC 445A.1356
Owyhee River, South Fork	From its origin to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X					NAC 445A.1362
Salmon Falls Creek, North Fork	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1364
Salmon Falls Creek, South Fork	From the national forest boundary to its confluence with the North Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1366
Camp Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1368
Camp Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1372
Cottonwood Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1374
Cottonwood Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1376

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Canyon Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1378
Canyon Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1382
Bear Creek	From its origin to the point of diversion for the Jarbidge municipal water supply, near the east line of section 17, T. 46 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1384
76 Creek	The entire length.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1386
Owyhee River, East Fork above Wildhorse Reservoir	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1388
Deep Creek	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1392
Penrod Creek, including tributaries	From its origin, including its tributaries, to Wildhorse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1394
Hendricks Creek	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1396
Wildhorse Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1398
Brown's Gulch	From its origin to the point of diversion for the Mountain City municipal water supply, near the south line of section 24, T. 46 N., R. 53 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1402
Jack Creek	From its origin to its confluence with Harrington Creek.	X	X	X	X	X	X		X					NAC 445A.1404
Harrington Creek	From its confluence with Jack Creek to the South Fork of the Owyhee River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1406
Bull Run Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1408
Wilson Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1412
Taylor Canyon Creek	From its origin to its confluence with the South Fork of the Owyhee River.	X	X	X	X	X	X	X	X					NAC 445A.1414
Trout Creek at Goose Creek	From the Nevada-Idaho state line to its confluence with Goose Creek.	X	X	X	X	X	X	X	X					NAC 445A.1416
Trout Creek at Salmon Falls Creek	From its origin to its confluence with Salmon Falls Creek.	X	X	X	X	X	X	X	X					NAC 445A.1418
Jack Creek at Jarbidge River	From its origin to its confluence with the Jarbidge River.	X	X	X	X	X	X	X	X					NAC 445A.1422

Irrigation	Irrigation
Livestock	Watering of livestock

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Contact	Recreation involving contact with the water													
Noncontact	Recreation not involving contact with the water													
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, or both													
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1334 Snake Region: Standards. (NRS 445A.425**,** 445A.520**)** The standards for water quality for the Snake Region are prescribed in NAC 445A.1334 to 445A.1422, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1336 Snake Region: Goose Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Goose Creek within the State of Nevada. Goose Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Goose Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 13 $\Delta T < 1$			*	X							
pH - SU	ΔpH ±0.5	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 185	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 9.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1338 Snake Region: Salmon Falls Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Salmon Falls Creek from the confluence of the North and South Forks of Salmon Falls Creek to the Nevada-Idaho state line. Salmon Falls Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 13 $\Delta T < 1$			*	X							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 250	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 14.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 250 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. ≤ 90	S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1342 Snake Region: Shoshone Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Shoshone Creek from the Nevada-Idaho state line to its confluence with Salmon Falls Creek. Shoshone Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Shoshone Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	ΔT = 0	S.V. May-Oct < 21 S.V. Nov-Apr < 13 ΔT < 1			*	X							
pH - SU	ΔpH ±0.5	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 250	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 15.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1344 Snake Region: Jarbidge River, East Fork. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the East Fork of Jarbidge River from its origin to the Nevada-Idaho state line. The East Fork of Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY
Jarbidge River, East Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	ΔT = 0	S.V. May-Oct < 21 S.V. Nov-Apr < 7 ΔT < 1			*	X							
pH - SU	ΔpH ±0.5	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 200	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 6.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. ≤ 100	S.V. ≤ 1,000	* X	*			X	X		* X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1346 Snake Region: Jarbidge River, above Jarbidge. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Jarbidge River from its origin to the bridge above the town of Jarbidge. This segment of the Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY
Jarbidge River, above Jarbidge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	X							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l	S.V. ≤ 0.05	S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 65	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 7.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. ≤ 10	S.V. ≤ 1,000	~~*~~ X	*			X	X		~~*~~ X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1348 Snake Region: Jarbidge River, below Jarbidge. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Jarbidge River from the bridge above the town of Jarbidge to the Nevada-Idaho state line. This segment of the Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY
Jarbidge River, below Jarbidge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	X							
pH - SU	ΔpH ±0.5	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l	S.V. ≤ 0.05	S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 7.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1352 Snake Region: Bruneau River. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Bruneau River from its origin to the Nevada-Idaho state line. The Bruneau River is located in Elko County.

STANDARDS OF WATER QUALITY
Bruneau River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	X							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 180	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 7.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. ≤ 80	S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1354 Snake Region: Owyhee River, above Mill Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Owyhee River from Wildhorse Reservoir to its confluence with Mill Creek. This segment of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY
Owyhee River, above Mill Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	X							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 200	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 8.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1356 Snake Region: Owyhee River, below Mill Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Owyhee River from its confluence with Mill Creek to the border of the Duck Valley Indian Reservation. This segment of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY
Owyhee River, below Mill Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	X							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 250	S.V. ≤ 500	X	X				*					
Chlorides - mg/l	S.V. ≤ 8.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. ≤ 125	S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1362 Snake Region: Owyhee River, South Fork. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the South Fork of the Owyhee River from its origin to the Nevada-Idaho state line. The South Fork of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY
Owyhee River, South Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
ΔT^b - °C	$\Delta T = 0$	$\Delta T < 1$											
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. $\leq$ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. $\leq$ 1.0	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. $\geq$ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. $\leq$ 25			*			X					
Turbidity - NTU		S.V. $\leq$ 10			*			X					
Total Dissolved Solids - mg/l	S.V. $\leq$ 280	S.V. $\leq$ 500	X	X				*					
Chlorides - mg/l	S.V. $\leq$ 15.0	S.V. $\leq$ 250	X	X				*		X			
Sulfates - mg/l		S.V. $\leq$ 250						*					
Alkalinity (as CO_3) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						
Fecal Coliform - No./100 ml		S.V. $\leq$ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. $\leq$ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R133-10, 12-16-2010)

NAC 445A.1364 Snake Region: Salmon Falls Creek, North Fork. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the North Fork of Salmon Falls Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. The North Fork of Salmon Falls Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Salmon Falls Creek, North Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. $\leq$ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1366 Snake Region: Salmon Falls Creek, South Fork. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the South Fork of Salmon Falls Creek from the national forest boundary to its confluence with the North Fork of Salmon Falls Creek. The South Fork of Salmon Falls Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Salmon Falls Creek, South Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1368 Snake Region: Camp Creek at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Camp Creek from its origin to the national forest boundary. This segment of Camp Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Camp Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1372 Snake Region: Camp Creek at the South Fork of Salmon Falls Creek. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Camp Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Camp Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Camp Creek at the South Fork of Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1374 Snake Region: Cottonwood Creek at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Cottonwood Creek from its origin to the national forest boundary. This segment of Cottonwood Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Cottonwood Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1376 Snake Region: Cottonwood Creek at the South Fork of Salmon Falls Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Cottonwood Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Cottonwood Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Cottonwood Creek at the South Fork of Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1378 Snake Region: Canyon Creek at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Canyon Creek from its origin to the national forest boundary. This segment of Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Canyon Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1382 Snake Region: Canyon Creek at the South Fork of Salmon Falls Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Canyon Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Canyon Creek at the South Fork of Salmon Falls Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1384 Snake Region: Bear Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Bear Creek from its origin to the point of diversion for the Jarbidge municipal water supply, near the east line of section 17, T. 46 N., R. 58 E., M.D.B. & M. Bear Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Bear Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1386 Snake Region: 76 Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as 76 Creek. 76 Creek is located in Elko County.

STANDARDS OF WATER QUALITY
76 Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1388 Snake Region: Owyhee River, East Fork above Wildhorse Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East Fork of the Owyhee River from its origin to Wildhorse Reservoir. The East Fork of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY
Owyhee River, East Fork above Wildhorse Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1392 Snake Region: Deep Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Deep Creek from its origin to Wildhorse Reservoir. Deep Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Deep Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1394 Snake Region: Penrod Creek, including tributaries. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Penrod Creek from its origin, including its tributaries, to Wildhorse Reservoir. Penrod Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Penrod Creek, including tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1396 Snake Region: Hendricks Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Hendricks Creek from its origin to Wildhorse Reservoir. Hendricks Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Hendricks Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X *	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1398 Snake Region: Wildhorse Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Wildhorse Reservoir. Wildhorse Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY
Wildhorse Reservoir

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

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(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1402 Snake Region: Brown's Gulch. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Brown's Gulch from its origin to the point of diversion for the Mountain City municipal water supply, near the south line of section 24, T. 46 N., R. 53 E., M.D.B. & M. Brown's Gulch is located in Elko County.

STANDARDS OF WATER QUALITY
Brown's Gulch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1404 Snake Region: Jack Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Jack Creek from its origin to its confluence with Harrington Creek. Jack Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Jack Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1406 Snake Region: Harrington Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Harrington Creek from its confluence with Jack Creek to the South Fork of the Owyhee River. Harrington Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Harrington Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1408 Snake Region: Bull Run Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Bull Run Reservoir. Bull Run Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY
Bull Run Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1412 Snake Region: Wilson Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Wilson Reservoir. Wilson Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY
Wilson Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1414 Snake Region: Taylor Canyon Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Taylor Canyon Creek from its origin to its confluence with the South Fork of the Owyhee River. Taylor Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Taylor Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C Maximum		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	X							
pH - SU		S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1[b]			*	*	X	X					
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06 Total Nitrogen[b]			X * *	 *	 X	* X 					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500	X	X				*					
Chlorides - mg/l		S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R133-10, eff. 12-16-2010)

NAC 445A.1416 Snake Region: Trout Creek at Goose Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Trout Creek from the Nevada-Idaho state line to its confluence with Goose Creek. This segment of Trout Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Trout Creek at Goose Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C Maximum		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	X							
pH - SU		S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1[b]			*	*	X	X					
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06 Total Nitrogen[b]			X * *	 *	 X	* X 					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500	X	X				*					
Chlorides - mg/l		S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75			*			*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R133-10, eff. 12-16-2010)

NAC 445A.1418 Snake Region: Trout Creek at Salmon Falls Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Trout Creek from its origin to its confluence with Salmon Falls Creek. This segment of Trout Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Trout Creek at Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C Maximum		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	X							
pH - SU		S.V. 6.5 - 9.0			*	X		X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1[b]			*	*	X	X					
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06 Total Nitrogen[b]			X * *	 *	 X	* X 					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500	X	X				*					
Chlorides - mg/l		S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R133-10, eff. 12-16-2010)

NAC 445A.1422 Snake Region: Jack Creek at Jarbidge River. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Jack Creek from its origin to its confluence with the Jarbidge River. Jack Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Jack Creek at Jarbidge River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C Maximum		S.V. May-Oct < 21 S.V. Nov-Apr < 7			*	X							
pH - SU		S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1[b]			*	*	X	X					
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06 Total Nitrogen[b]			X * *	 *	 X	* X 					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*			X					
Turbidity - NTU		S.V. ≤ 10			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500	X	X				*					
Chlorides - mg/l		S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
Color - PCU		S.V. ≤ 75						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R133-10, eff. 12-16-2010)

NAC 445A.1432 Humboldt Region: Designated beneficial uses. (NRS 445A.425, 445A.520) The designated beneficial uses for select bodies of water within the Humboldt Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Humboldt River near Osino	From the upstream source of the main stem to Osino.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1436
Humboldt River at Palisade	From Osino to the Palisade Gage.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1438
Humboldt River at Battle Mountain	From the Palisade Gage to the Battle Mountain Gage.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1442
Humboldt River at State Highway 789	From the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1444
Humboldt River at Imlay	From the Comus Gage to Imlay.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1446
Humboldt River at Woolsey	From Imlay to Woolsey.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1448
Humboldt River at Rodgers Dam	From Woolsey to Rodgers Dam.	X	X	X	X	X	X	X	X					NAC 445A.1452
Humboldt River at the Humboldt Sink	From Rodgers Dam to the Humboldt Sink.	X	X	X	X	X		X	X					NAC 445A.1454

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
The Humboldt Sink	The entire sink.	X	X	X		X		X	X					NAC 445A.1455
Humboldt River, North Fork and tributaries at the national forest boundary	From their origin in the Independence Mountain Range to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1456
Humboldt River, North Fork at Beaver Creek	From the national forest boundary to its confluence with Beaver Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1458
Humboldt River, North Fork at the Humboldt River	From its confluence with Beaver Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1462
Humboldt River, South Fork and tributaries at Lee	From their origin to Lee.	X	X	X	X	X	X		X					NAC 445A.1464
Humboldt River, South Fork at the Humboldt River	From Lee to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1466
Little Humboldt River	The entire length.	X	X	X	X	X	X	X	X					NAC 445A.1468
Little Humboldt River, North Fork at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1472
Little Humboldt River, North Fork at the South Fork of the Little Humboldt River	From the national forest boundary to its confluence with the South Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1474
Little Humboldt River, South Fork at the Elko-Humboldt county line	From its origin to the Elko-Humboldt county line.	X	X	X	X	X	X		X					NAC 445A.1476
Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	From the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1478
Mary’s River, upper	From its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1482
Mary’s River at the Humboldt River	From the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1484
Tabor Creek	From its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1486
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek.	X	X	X	X	X	X		X					NAC 445A.1488

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Maggie Creek at Jack Creek	From where it is formed by the Maggie Creek tributaries to its confluence with Jack Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1492
Maggie Creek at Soap Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1494
Maggie Creek at the Humboldt River	From its confluence with Soap Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1496
Secret Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1498
Secret Creek at the Humboldt River	From the national forest boundary to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1502
Lamoille Creek at the gaging station	From its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1504
Lamoille Creek at the Humboldt River	From gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1506
J.D. Ponds	The entire area.	X	X	X	X	X	X	X	X					NAC 445A.1508
Denay Creek at Tonkin Reservoir	From its origin to Tonkin Reservoir.	X	X	X	X	X	X		X					NAC 445A.1512
Tonkin Reservoir	The entire reservoir.	X	X	X	X	X	X		X					NAC 445A.1514
Denay Creek below Tonkin Reservoir	Below Tonkin Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1516
Rock Creek at Squaw Valley Ranch	From its origin to Squaw Valley Ranch.	X	X	X	X	X	X		X					NAC 445A.1518
Rock Creek below Squaw Valley Ranch	Below Squaw Valley Ranch.	X	X	X	X	X	X	X	X					NAC 445A.1522
Willow Creek at Willow Creek Reservoir	From its origin to Willow Creek Reservoir.	X	X	X	X	X	X		X					NAC 445A.1524
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1526
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1528

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Water Canyon Creek	From its origin to the point of diversion of the Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1532
Martin Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1534
Martin Creek below the national forest boundary	From the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1536
Dutch John Creek	The entire length.	X	X	X	X	X	X		X					NAC 445A.1538
Huntington Creek at the White Pine-Elko county line	From its origin to the White Pine-Elko county line.	X	X	X	X	X	X		X					NAC 445A.1542
Huntington Creek at Smith Creek	From the White Pine-Elko county line to its confluence with Smith Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1544
Huntington Creek at the South Fork of the Humboldt River	From its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1546
Green Mountain Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1548
Green Mountain Creek at Corral Creek	From the national forest boundary to its confluence with Corral Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1552
Toyn Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1554
Reese Creek at Indian Creek	From its origin to its confluence with Indian Creek.	X	X	X	X	X	X		X					NAC 445A.1556
Reese River at State Route 722	From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X				Trout	NAC 445A.1558
Reese River below State Route 722	North of State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X					NAC 445A.1562
San Juan Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1564
Big Creek at the forest service campground	From its origin to the east boundary of the United States Forest Service's Big Creek Campground.	X	X	X	X	X	X		X					NAC 445A.1566

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Big Creek below the forest service campground	From the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1568
Mill Creek	From its origin to the first point of diversion, near the south line of section 22, T. 29 N., R. 44 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1572
Lewis Creek	From its origin to the first point of diversion, near the center of section 23, T. 30 N., R. 45 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1574
Iowa Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1576
Starr Creek	From the confluence of Ackler and Herder Creeks to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1578

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.1434 Humboldt Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Humboldt Region are prescribed in NAC 445A.1434 to 445A.1578, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1436 Humboldt Region: Humboldt River near Osino. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the Humboldt River from the upstream source of the main stem to Osino. This segment of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY
Humboldt River near Osino

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	X							
pH - SU	A-Avg. 7.0 - 8.3 S.V. 7.0 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. $\geq$ 5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. $\leq$ 22 S.V. $\leq$ 25	S.V. $\leq$ 250	X	X				*		X			
Total Phosphorus (as P) - mg/l		Apr-Nov Seasonal Avg. $\leq$ 0.1			*	X	X	X					
Nitrogen species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 1.5 S.V. Apr-Nov $\leq$ 2.4	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 370 S.V. $\leq$ 385	A-Avg. $\leq$ 500	X	X				*					
Suspended Solids - mg/l		Annual Median $\leq$ 80[d]			*								
Sulfate - mg/l		S.V. $\leq$ 250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. $\leq$ 50			*			X					
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. $\leq$ 75 S.V. $\leq$ 200	~~$\leq$ 200/400~~ [f] *S.V. $\leq$ 1000*	X	~~X~~ *		~~*~~	X	X		X			
Sodium - SAR		A-Avg. $\leq$ 8		*				X					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. $\leq$ 80 mg/l of suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
~~[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1438 Humboldt Region: Humboldt River at Palisade. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Humboldt River from Osino to the Palisade Gage. This segment of the Humboldt River is located in Elko and Eureka Counties.

STANDARDS OF WATER QUALITY
Humboldt River at Palisade

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	X							
pH - SU	A-Avg. 7.0 - 8.5 S.V. 7.0 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. ≤ 21 S.V. ≤ 30	S.V. ≤ 250	X	X				*		X			
Total Phosphorus (as P) - mg/l		Apr-Nov Seasonal Avg. ≤ 0.1			*	X	X	X					
Nitrogen species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.4 S.V. Apr-Nov ≤ 2.4	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l	A-Avg. ≤ 350 S.V. ≤ 400	A-Avg. ≤ 500	X	X				*					
Suspended Solids - mg/l		Annual Median ≤ 80[d]			*								
Sulfate - mg/l		S.V. ≤ 250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. ≤ 50			*			X					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 20 S.V. ≤ 150	~~$\leq 200/400$~~ [f] ~~X~~ ~~*~~ *S.V. ≤ 1000*	X	~~X~~ ~~*~~		~~*~~	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. $\leq$ 80 mg/l of suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1442 Humboldt Region: Humboldt River at Battle Mountain. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Humboldt River from the Palisade Gage to the Battle Mountain Gage. This segment of the Humboldt River is located in Eureka and Lander Counties.

STANDARDS OF WATER QUALITY
Humboldt River at Battle Mountain

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	X							
pH - SU	A-Avg. 7.0 - 8.4 S.V. 7.0 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. $\geq$ 5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. $\leq$ 50 S.V. $\leq$ 70	S.V. $\leq$ 250	X	X				*		X			
Total Phosphorus (as P) - mg/l		Apr-Nov Seasonal Avg. $\leq$ 0.1			*	X	X	X					
Nitrogen species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 1.9 S.V. Apr-Nov $\leq$ 4.0	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 425 S.V. $\leq$ 520	A-Avg. $\leq$ 500	X	X				*					
Suspended Solids - mg/l		Annual Median $\leq$ 80[d]			*								
Sulfate - mg/l		S.V. $\leq$ 250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. $\leq$ 50			*			X					
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. $\leq$ 50 S.V. $\leq$ 200	~~$\leq$ 200/400~~ [f] *S.V. $\leq$ 1000*	X	~~X~~ *		~~*~~	X	X		X			
Sodium - SAR		A-Avg. $\leq$ 8		*				X					

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. $\leq$ 80 mg/l of suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
~~[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1444 Humboldt Region: Humboldt River at State Highway 789. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Humboldt River from the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River. This segment of the Humboldt River is located in Humboldt and Lander Counties.

STANDARDS OF WATER QUALITY

Humboldt River at State Highway 789

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	X							
pH - SU	A-Avg. 7.0 - 8.5 S.V. 7.0 - 8.7	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. $\geq$ 5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. $\leq$ 60 S.V. $\leq$ 110	S.V. $\leq$ 250	X	X				*		X			
Total Phosphorus (as P) - mg/l		Apr-Nov Seasonal Avg. $\leq$ 0.1			*	X	X	X					
Nitrogen species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 2.9 S.V. Apr-Nov $\leq$ 3.7	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 500 S.V. $\leq$ 560	A-Avg. $\leq$ 500	X	X				*					
Suspended Solids - mg/l		Annual Median $\leq$ 80[d]			*								
Sulfate - mg/l		S.V. $\leq$ 250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. $\leq$ 50			*			X					
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. $\leq$ 40 S.V. $\leq$ 100	~~$\leq$ 200/400~~ [f] *S.V. $\leq$ 1000*	X	~~X~~ *		~~*~~	X	X		X			
Sodium - SAR		A-Avg. $\leq$ 8		*				X					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. $\leq$ 80 mg/l of suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
~~[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1446 Humboldt Region: Humboldt River at Imlay. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Humboldt River from the Comus Gage to Imlay. This segment of the Humboldt River is located in Humboldt and Pershing Counties.

STANDARDS OF WATER QUALITY

Humboldt River at Imlay

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	X							
pH - SU	A-Avg. 7.0 - 8.5 S.V. 7.0 - 8.7	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. $\geq$ 5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. $\leq$ 70 S.V. $\leq$ 85	S.V. $\leq$ 250	X	X				*		X			
Total Phosphorus (as P) - mg/l		Apr-Nov Seasonal Avg. $\leq$ 0.1			*	X	X	X					
Nitrogen species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 2.4 S.V. Apr-Nov $\leq$ 2.9	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l	S.V. $\leq$ 590	A-Avg. $\leq$ 500	X	X				*					
Suspended Solids - mg/l		Annual Median $\leq$ 80[d]			*								
Sulfate - mg/l		S.V. $\leq$ 250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. $\leq$ 50			*			X					
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. $\leq$ 30 S.V. $\leq$ 150	~~$\leq$ 200/400~~ [f] ***S.V. $\leq$ 1000***	X	~~X~~ *		~~*~~	X	X		X			
Sodium - SAR		A-Avg. $\leq$ 8		*				X					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. $\leq$ 80 mg/l of suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
~~[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1448 Humboldt Region: Humboldt River at Woolsey. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the Humboldt River from Imlay to Woolsey. This segment of the Humboldt River is located in Pershing County.

STANDARDS OF WATER QUALITY

Humboldt River at Woolsey

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	X							
pH - SU	A-Avg. 7.0 - 8.9 S.V. 7.0 - 9.0	S.V. 6.5 - 9.0 Δ pH ± 0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. ≤ 130 S.V. ≤ 175	S.V. ≤ 250	X	X				*		X			
Total Phosphorus (as P) - mg/l		Apr-Nov Seasonal Avg. ≤ 0.1			*	X	X	X					
Nitrogen species (as N) - mg/l		Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l	A-Avg. ≤ 600 S.V. ≤ 700	A-Avg. ≤ 1000	X	X				*					
Suspended Solids - mg/l		Annual Median ≤ 80[d]			*								
Sulfate - mg/l		S.V. ≤ 250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. ≤ 50			*			X					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 100 S.V. ≤ 200	~~≤ 200/400~~ [f] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. ≤ 80 mg/l of suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1452 Humboldt Region: Humboldt River at Rodgers Dam. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Humboldt River from Woolsey to Rodgers Dam. This segment of the Humboldt River is located in Pershing County.

STANDARDS OF WATER QUALITY
Humboldt River at Rodgers Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~d~~ ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1454 Humboldt Region: Humboldt River at the Humboldt Sink. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Humboldt River from Rodgers Dam to the Humboldt Sink. This segment of the Humboldt River is located in Churchill and Pershing Counties.

STANDARDS OF WATER QUALITY
Humboldt River at the Humboldt Sink

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*	X			X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*	X	X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. 576				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.1455 Humboldt Region: The Humboldt Sink. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Humboldt Sink. The Humboldt Sink is located in Churchill and Pershing Counties.

STANDARDS OF WATER QUALITY
The Humboldt Sink

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 630					*						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R129-10, eff. 1-13-2011)

NAC 445A.1456 Humboldt Region: Humboldt River, North Fork and tributaries at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the bodies of water known as the North Fork of the Humboldt River and its tributaries in the Independence Mountain

Range from their origin to the national forest boundary. This segment of the North Fork of the Humboldt River and tributaries is located in Elko County.

STANDARDS OF WATER QUALITY
Humboldt River, North Fork and tributaries at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1458 Humboldt Region: Humboldt River, North Fork at Beaver Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the North Fork of the Humboldt River from the national forest boundary to its confluence with Beaver Creek. This segment of the North Fork of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY
Humboldt River, North Fork at Beaver Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1462 Humboldt Region: Humboldt River, North Fork at the Humboldt River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the North Fork of the Humboldt River from its confluence with Beaver Creek to its confluence with the Humboldt River. This segment of the North Fork of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY
Humboldt River, North Fork at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1464 Humboldt Region: Humboldt River, South Fork and tributaries at Lee. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the bodies of water known as the South Fork of the Humboldt River and its tributaries from their origin to Lee. This segment of the South Fork of the Humboldt River and tributaries is located in Elko County.

STANDARDS OF WATER QUALITY
Humboldt River, South Fork and tributaries at Lee

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1466 Humboldt Region: Humboldt River, South Fork at the Humboldt River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the South Fork of the Humboldt River from Lee to its confluence with the Humboldt River. This segment of the South Fork of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY
Humboldt River, South Fork at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1468 Humboldt Region: Little Humboldt River. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as the Little Humboldt River. The Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY
Little Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		[d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1472 Humboldt Region: Little Humboldt River, North Fork at the national forest boundary. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the North Fork of the Little Humboldt River from its origin to the national forest boundary. This segment of the North Fork of the Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY
Little Humboldt River, North Fork at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1474 Humboldt Region: Little Humboldt River, North Fork at the South Fork of the Little Humboldt River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the North Fork of the Little Humboldt River from the national forest boundary to its confluence with the South Fork of the Little Humboldt River. This segment of the North Fork of the Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY
Little Humboldt River, North Fork at the South Fork of the Little Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1476 Humboldt Region: Little Humboldt River, South Fork at the Elko-Humboldt county line. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the South Fork of the Little Humboldt River from its origin to the Elko-Humboldt county line. This segment of the South Fork of the Little Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Little Humboldt River, South Fork at the Elko-Humboldt county line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1478 Humboldt Region: Little Humboldt River, South Fork at the North Fork of the Little Humboldt River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the South Fork of the Little Humboldt River from the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River. This segment of the South Fork of the Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY
Little Humboldt River, South Fork at the North Fork of the Little Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1482 Humboldt Region: Mary's River, upper. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Mary's River from its origin to the point where the River crosses the east line of T. 42 N., R. 59 E., M.D.B. & M. This segment of Mary's River is located in Elko County.

STANDARDS OF WATER QUALITY
Mary's River, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1484 Humboldt Region: Mary's River at the Humboldt River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Mary's River from the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River. This segment of Mary's River is located in Elko County.

STANDARDS OF WATER QUALITY
Mary's River at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1486 Humboldt Region: Tabor Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Tabor Creek from its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M. Tabor Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Tabor Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1488 Humboldt Region: Maggie Creek Tributaries. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the bodies of water known as the Maggie Creek Tributaries from their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek. The Maggie Creek Tributaries are located in Elko County.

STANDARDS OF WATER QUALITY
Maggie Creek Tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1492 Humboldt Region: Maggie Creek at Jack Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Maggie Creek from where it is formed by the Maggie Creek Tributaries to its confluence with Jack Creek. This segment of Maggie Creek is located in Elko and Eureka Counties.

STANDARDS OF WATER QUALITY
Maggie Creek at Jack Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1494 Humboldt Region: Maggie Creek at Soap Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Maggie Creek from its confluence with Jack Creek to its confluence with Soap Creek. This segment of Maggie Creek is located in Eureka County.

STANDARDS OF WATER QUALITY
Maggie Creek at Soap Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1496 Humboldt Region: Maggie Creek at the Humboldt River. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Maggie Creek from its confluence with Soap Creek to its confluence with the Humboldt River. This segment of Maggie Creek is located in Elko and Eureka Counties.

STANDARDS OF WATER QUALITY

Maggie Creek at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1498 Humboldt Region: Secret Creek at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Secret Creek from its origin to the national forest boundary. This segment of Secret Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Secret Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1502 Humboldt Region: Secret Creek at the Humboldt River. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Secret Creek from the national forest boundary to its confluence with the Humboldt River. This segment of Secret Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Secret Creek at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1504 Humboldt Region: Lamoille Creek at the gaging station. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Lamoille Creek from its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M. This segment of Lamoille Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Lamoille Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1506 Humboldt Region: Lamoille Creek at the Humboldt River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Lamoille Creek from gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River. This segment of Lamoille Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Lamoille Creek at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1508 Humboldt Region: J.D. Ponds. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as J.D. Ponds. J.D. Ponds is located in Eureka County.

STANDARDS OF WATER QUALITY
J.D. Ponds

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1512 Humboldt Region: Denay Creek at Tonkin Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Denay Creek from its origin to Tonkin Reservoir. This segment of Denay Creek is located in Eureka County.

STANDARDS OF WATER QUALITY
Denay Creek at Tonkin Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1514 Humboldt Region: Tonkin Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Tonkin Reservoir. Tonkin Reservoir is located in Eureka County.

STANDARDS OF WATER QUALITY
Tonkin Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1516 Humboldt Region: Denay Creek below Tonkin Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Denay Creek below Tonkin Reservoir. This segment of Denay Creek is located in Eureka County.

STANDARDS OF WATER QUALITY

Denay Creek below Tonkin Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1518 Humboldt Region: Rock Creek at Squaw Valley Ranch. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Rock Creek from its origin to Squaw Valley Ranch. This segment of Rock Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Rock Creek at Squaw Valley Ranch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1522 Humboldt Region: Rock Creek below Squaw Valley Ranch. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Rock Creek below Squaw Valley Ranch. This segment of Rock Creek is located in Elko, Eureka and Lander Counties.

STANDARDS OF WATER QUALITY
Rock Creek below Squaw Valley Ranch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1524 Humboldt Region: Willow Creek at Willow Creek Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Willow Creek from its origin to Willow Creek Reservoir. Willow Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Willow Creek at Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1526 Humboldt Region: Willow Creek Reservoir. (NRS 445A.425, 445A.520**)** The limits of this table apply to the entire body of water known as Willow Creek Reservoir. Willow Creek Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY
Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1528 Humboldt Region: Pole Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Pole Creek from its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M. Pole Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Pole Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1532 Humboldt Region: Water Canyon Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Water Canyon Creek from its origin to the point of diversion of the Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M. Water Canyon Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Water Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1534 Humboldt Region: Martin Creek at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Martin Creek from its origin to the national forest boundary. This segment of Martin Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Martin Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1536 Humboldt Region: Martin Creek below the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Martin Creek from the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M. This segment of Martin Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Martin Creek below the national forest boundary

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1538 Humboldt Region: Dutch John Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Dutch John Creek. Dutch John Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY
Dutch John Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1542 Humboldt Region: Huntington Creek at the White Pine-Elko county line. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Huntington Creek from its origin to the White Pine-Elko county line. This segment of Huntington Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Huntington Creek at the White Pine-Elko county line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1544 Humboldt Region: Huntington Creek at Smith Creek. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Huntington Creek from the White Pine-Elko county line to its confluence with Smith Creek. This segment of Huntington Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Huntington Creek at Smith Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1546 Humboldt Region: Huntington Creek at the South Fork of the Humboldt River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Huntington Creek from its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River. This segment of Huntington Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Huntington Creek at the South Fork of the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1548 Humboldt Region: Green Mountain Creek at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Green Mountain Creek from its origin to the national forest boundary. This segment of Green Mountain Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Green Mountain Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1552 Humboldt Region: Green Mountain Creek at Corral Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Green Mountain Creek from the national forest boundary to its confluence with Corral Creek. This segment of Green Mountain Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Green Mountain Creek at Corral Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1554 Humboldt Region: Toyn Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Toyn Creek from its origin to the national forest boundary. Toyn Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Toyn Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1556 Humboldt Region: Reese Creek at Indian Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Reese Creek from its origin to its confluence with Indian Creek. Reese Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Reese Creek at Indian Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1558 Humboldt Region: Reese River at State Route 722. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Reese River from its confluence with Indian Creek to State Route 722 (old U.S. Highway 50). This segment of the Reese River is located in Lander and Nye Counties.

STANDARDS OF WATER QUALITY
Reese River at State Route 722

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1562 Humboldt Region: Reese River below State Route 722. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the Reese River north of State Route 722 (old U.S. Highway 50). This segment of the Reese River is located in Lander County.

STANDARDS OF WATER QUALITY
Reese River below State Route 722

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1564 Humboldt Region: San Juan Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as San Juan Creek from its origin to the national forest boundary. San Juan Creek is located in Nye County.

STANDARDS OF WATER QUALITY
San Juan Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1566 Humboldt Region: Big Creek at the forest service campground. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Big Creek from its origin to the east boundary of the United States Forest Service's Big Creek Campground. This segment of Big Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Big Creek at the forest service campground

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1568 Humboldt Region: Big Creek below the forest service campground. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Big Creek from the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M. This segment of Big Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Big Creek below the forest service campground

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1572 Humboldt Region: Mill Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Mill Creek from its origin to the first point of diversion, near the south line of section 22, T. 29 N., R. 44 E., M.D.B. & M. Mill Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Mill Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1574 Humboldt Region: Lewis Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Lewis Creek from its origin to the first point of diversion, near the center of section 23, T. 30 N., R. 45 E., M.D.B. & M. Lewis Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Lewis Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1576 Humboldt Region: Iowa Canyon Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Iowa Canyon Reservoir. Iowa Canyon Reservoir is located in Lander County.

STANDARDS OF WATER QUALITY
Iowa Canyon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1578 Humboldt Region: Starr Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Starr Creek from the confluence of Ackler and Herder Creeks to the Humboldt River. Starr Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Starr Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1612 West Central Region: No designated beneficial uses. (NRS 445A.425, 445A.520**)** There are no designated beneficial uses for select bodies of water within the West Central Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1614 West Central Region: No designated standards. (NRS 445A.425, 445A.520**)** There are no designated standards for water quality for select bodies of water within the West Central Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1622 Truckee Region: Designated beneficial uses. (NRS 445A.425, 445A.520**)** The designated beneficial uses for select bodies of water within the Truckee Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses: Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Life Species of Concern	Water Quality Standard NAC Reference
Lake Tahoe	Existing sampling points.	X	X	X	X	X	X	X	X	X			Cold-water fishery	NAC 445A.1626
Lake Tahoe Tributaries	All tributaries to Lake Tahoe located in Nevada and which are not included in NAC 445A.1632 to 445A.1666, inclusive.	X	X	X	X	X	X	X	X		X		Cold-water fishery	NAC 445A.1628

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance Marsh		
Incline Creek, East Fork at the ski resort	From its origin to the ski resort.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1632
Incline Creek, West Fork at State Highway 431	From its origin to State Highway 431.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1634
Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek	The East Fork of Incline Creek from the ski resort to the West Fork of Incline Creek, the West Fork of Incline Creek from State Highway 431 to the East Fork of Incline Creek, and Incline Creek from the confluence of the East and West Forks of Incline Creek to Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1636
Third Creek, East Fork at State Highway 431	From its origin to State Highway 431.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1638
Third Creek, East Fork; Third Creek, West Fork; and Third Creek	The East Fork of Third Creek from State Highway 431 to the West Fork of Third Creek, the West Fork of Third Creek from its origin to the East Fork of Third Creek, and Third Creek from the confluence of the East and West Forks of Third Creek to Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1642
Wood Creek	From its origin to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1644
Second Creek at Second Creek Drive	From its origin to Second Creek Drive.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1646
Second Creek at Lakeshore Drive	From Second Creek Drive to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1648
First Creek at Dale and Knotty Pine Drives	From its origin to Dale and Knotty Pine Drives.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1652
First Creek at Lakeshore Drive	From Dale and Knotty Pine Drives to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1654
Glenbrook Creek	From its origin to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1656
Logan House Creek	From its origin to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1658
Eagle Rock Creek	From its origin to its confluence with Edgewood Creek.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1662
Edgewood Creek at Palisades Drive	From its origin to 50 feet downstream from the culvert at Palisades Drive.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1664
Edgewood Creek at Stateline	From 50 feet downstream from the culvert at Palisades Drive to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X	Cold-water fishery	NAC 445A.1666

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance Marsh		
Truckee River at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X			All life stages of mountain whitefish, rainbow trout and brown trout	NAC 445A.1682
Truckee River at Idlewild	From the California-Nevada state line to Idlewild.	X	X	X	X	X	X	X	X			All life stages of mountain whitefish, rainbow trout and brown trout	NAC 445A.1684
Truckee River at East McCarran	From Idlewild to the East McCarran Boulevard Bridge.	X	X	X	X	X	X	X	X			All life stages of mountain whitefish, rainbow trout and brown trout	NAC 445A.1686
Truckee River at Lockwood Bridge	From the East McCarran Boulevard Bridge to the Lockwood Bridge.	X	X	X	X	X	X	X	X			Juvenile and adult rainbow trout and brown trout	NAC 445A.1688
Truckee River at Derby Dam	From the Lockwood Bridge to Derby Dam.	X	X	X	X	X	X	X	X			Juvenile and adult rainbow trout and brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August	NAC 445A.1692
Truckee River at the Wadsworth Gage	From Derby Dam to the Wadsworth Gage.	X	X	X	X	X	X	X	X			Early spawning Lahontan cutthroat trout and their incubation, larvae, juveniles and migration, from May through June, depending on hydrologic conditions	NAC 445A.1694

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Truckee River at Pyramid Lake	From the Wadsworth Gage to the mouth of the Truckee River at Pyramid Lake.	X	X	X	X	X	X	X	X				Early spring spawning Lahontan cutthroat trout and cui-ui, and their incubation, larvae, juveniles and migration, from May through June, depending on hydrologic conditions	NAC 445A.16965
Bronco Creek	From its origin to the California-Nevada state line.	X	X	X	X	X	X	X	X					NAC 445A.1698
Gray Creek	From its origin to the California-Nevada state line.	X	X	X	X	X	X	X	X					NAC 445A.1702
Hunter Creek at Hunter Lake	From its origin to Hunter Lake.	X	X	X	X	X	X		X					NAC 445A.1704
Hunter Lake	The entire lake.	X	X	X	X	X	X		X					NAC 445A.1706
Hunter Creek at the Truckee River	From Hunter Lake to its confluence with the Truckee River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1708
Washoe Lakes	The entire lakes.	X	X	X	X	X	X	X	X					NAC 445A.1722
Steamboat Creek at the gaging station	From Little Washoe Lake to gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M.	X	X	X	X	X	X	X	X					NAC 445A.1724
Steamboat Creek at the Truckee River	From gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M., to its confluence with the Truckee River.	X	X	X	X	X		X	X					NAC 445A.1726
Franktown Creek, upper	From its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1728
Franktown Creek at Washoe Lake	From the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M., to Washoe Lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1732
Hobart Reservoir and tributaries	The entire system.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1734
Ophir Creek at State Route 429	From its origin to State Route 429 (old U.S. Highway 395).	X	X	X	X	X	X		X					NAC 445A.1736
Ophir Creek at Washoe Lake	From State Route 429 (old U.S. Highway 395) to Washoe Lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1738
Price's Lakes	The entire lakes.	X	X	X	X	X	X		X					NAC 445A.1742
Davis Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1744
Galena Creek, upper	From its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1746

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Galena Creek, middle	From the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M., to gaging station number 10-348900 located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1748
Galena Creek at Steamboat Creek	From gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1752
White's Creek, upper	From its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1754
White's Creek at Steamboat Ditch	Below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M., to Steamboat Ditch.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1756
White's Creek at Steamboat Creek	Below Steamboat Ditch.	X	X	X	X	X	X	X	X					NAC 445A.1758
Lagomarsino Creek	The entire length; also known as Long Valley Creek.	X	X	X	X	X		X	X					NAC 445A.1762
Tracy Pond	The entire area.	X	X	X	X	X	X	X	X					NAC 445A.1764

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R127-10, 12-16-2010; R129-10, 1-13-2011)

NAC 445A.1624 Truckee Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Truckee Region are prescribed in NAC 445A.1624 to 445A.1764, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1626 Truckee Region: Lake Tahoe. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Lake Tahoe for its existing sampling points. This segment of Lake Tahoe is located in Carson City and Douglas and Washoe Counties.

STANDARDS OF WATER QUALITY
Lake Tahoe

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	X		
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C ΔT^b - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0 $\Delta T = 0$			*	X							
pH - SU		S.V. 7.0-8.4	X	X	*	*		X	X	*			
Dissolved Oxygen - percent of saturation		S.V. ≥ 90.0	X		*	X	X	X		X			
Chlorides - mg/l		A-Avg. ≤ 3.0 S.V. ≤ 5.0	X		*			X		X			
Soluble Phosphorus - µg/l		A-Avg. ≤ 7.0			*	X	X	X					
Nitrogen Species (as N) - mg/l		Nitrite S.V. ≤ 0.06 Total Nitrogen A-Avg. ≤ 0.25 S.V. ≤ 0.32	X		*			*		X			
Total Soluble Inorganic Nitrogen - µg/l		A-Avg. ≤ 25.0	*	X	X			*		X			
Unionized Ammonia - mg/l		S.V. ≤ 0.003			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 60.0 S.V. ≤ 70.0	X	X				*					
Turbidity		[c]			*						*		
Specific Electrical Conductance µmhos/cm@20°C		A-Avg. ≤ 95.0 S.V. ≤ 105.0						*					
Clarity		[d]			*						X		
Coliform Organisms - MPN/100 ml		[e]	X	X		*	X	X		X			
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Algal Growth Potential		[f]									*		
Sulfate - mg/l		S.V. ≤ 2.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
Plankton Count - No./ml		Avg. (Jun-Sep) ≤ 100.0 S.V. ≤ 500.0									*		

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] To minimize turbidity levels in Lake Tahoe and tributary streams and control erosion:

[1] The discharge of solid or liquid waste materials including soil, silt, clay, sand and other organic and earthen materials to Lake Tahoe or any tributary thereto is prohibited.

[2] The discharge of solid or liquid waste materials including soil, silt, clay, sand and other organic and earthen materials to lands below the high water rim of Lake Tahoe or along any tributary to Lake Tahoe in a manner which will cause the discharge of the waste materials to Lake Tahoe or any tributary thereto is prohibited.

[3] The placement or man-made disturbance of material below the high water rim of Lake Tahoe or along any tributaries to Lake Tahoe in a manner which will cause the discharge of solid or liquid waste materials including soil, silt, clay, sand and other organic and earthen materials to Lake Tahoe or any tributary thereto is prohibited.

[d] The vertical extinction coefficient must be less than 0.08 per meter when measured at any depth below the first meter. Turbidity must not exceed 3 NTU at any point of the lake too shallow to determine a reliable extinction coefficient.

[e] A density not greater than the values shown in the following table:

	Median	Maximum
Undeveloped Lake Front Areas		
10 yards offshore	5.0	32.0
100 yards offshore	3.0	15.0

Developed Lake Front Areas		
10 yards offshore	240.0	700.0
100 yards offshore	15.0	64.0
Directly Influenced by Streams		
10 yards offshore	240.0	700.0
100 yards offshore	32.0	240.0

[f] The mean annual algal growth potential at any point in the lake must not be greater than twice the mean annual algal potential at a limnetic reference station and using analytical methods determined jointly with the Environmental Protection Agency, Region IX.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1628 Truckee Region: Lake Tahoe Tributaries. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the bodies of water known as the Lake Tahoe Tributaries which are located in Nevada and which are not included in NAC 445A.1632 to 445A.1666, inclusive. The Lake Tahoe Tributaries are located in Carson City and Douglas and Washoe Counties.

STANDARDS OF WATER QUALITY
Lake Tahoe Tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU		S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1632 Truckee Region: Incline Creek, East Fork at the ski resort. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East Fork of Incline Creek from its origin to the ski resort. The East Fork of Incline Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Incline Creek, East Fork at the ski resort

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 7.9	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 4.0 A-Avg. ≤ 2.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 1.1 A-Avg. ≤ 0.4	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 70 A-Avg. ≤ 55	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1634 Truckee Region: Incline Creek, West Fork at State Highway 431. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the West Fork of Incline Creek from its origin to State Highway 431. The West Fork of Incline Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Incline Creek, West Fork at State Highway 431

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 6.0 A-Avg. ≤ 5.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.9 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80 A-Avg. ≤ 80	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU	S.V. ≤ 3.0 A-Avg. ≤ 2.0	S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	A-Avg. ≤ 8.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1636 Truckee Region: Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the bodies of water known as the East Fork of Incline Creek from the ski resort to the West Fork of Incline Creek, the West Fork of Incline Creek from State Highway 431 to the East Fork of Incline Creek, and Incline Creek from the confluence of the East and West Forks of Incline Creek to Lake Tahoe. These segments of Incline Creek are located in Washoe County.

STANDARDS OF WATER QUALITY
Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.3	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chloride - mg/l	S.V. ≤ 8.0 A-Avg. ≤ 6.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 1.8 A-Avg. ≤ 1.2	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 85 A-Avg. ≤ 70	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1638 Truckee Region: Third Creek, East Fork at State Highway 431. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East Fork of Third Creek from its origin to State Highway 431. The East Fork of Third Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Third Creek, East Fork at State Highway 431

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.045	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.3	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80 A-Avg. ≤ 65	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU	S.V. ≤ 3.0 A-Avg. ≤ 2.0	S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	A-Avg. ≤ 20.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
a Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1642 Truckee Region: Third Creek, East Fork; Third Creek, West Fork; and Third Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the bodies of water known as the East Fork of Third Creek from State Highway 431 to the West Fork of Third Creek, the West Fork of Third Creek from its origin to the East Fork of Third Creek, and Third Creek from the confluence of the East and West Forks of Third Creek to Lake Tahoe. These segments of Third Creek are located in Washoe County.

STANDARDS OF WATER QUALITY
Third Creek, East Fork; Third Creek, West Fork; and Third Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A-Avg. ≤ 4.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 1.4 A-Avg. ≤ 1.0	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 75 A-Avg. ≤ 55	A-Avg. ≤ 500.0	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1644 Truckee Region: Wood Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Wood Creek from its origin to its confluence with Lake Tahoe. Wood Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Wood Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.7 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 70 A-Avg. ≤ 60	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.

X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1646 Truckee Region: Second Creek at Second Creek Drive. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Second Creek from its origin to Second Creek Drive. This segment of Second Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Second Creek at Second Creek Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.3 A-Avg. ≤ 0.2	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 70 A-Avg. ≤ 65	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1648 Truckee Region: Second Creek at Lakeshore Drive. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Second Creek from Second Creek Drive to its confluence with Lake Tahoe. This segment of Second Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Second Creek at Lakeshore Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 6.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.3	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80 A-Avg. ≤ 60	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1652 Truckee Region: First Creek at Dale and Knotty Pine Drives. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as First Creek from its origin to Dale and Knotty Pine Drives. This segment of First Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
First Creek at Dale and Knotty Pine Drives

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.1	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 3.0 A-Avg. ≤ 2.0	S.V. ≤ 250.0	X		*			X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.043	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.3 A-Avg. ≤ 0.2	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80 A-Avg. ≤ 70	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU	S.V. ≤ 4.0 A-Avg. ≤ 2.0	S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1654 Truckee Region: First Creek at Lakeshore Drive. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as First Creek from Dale and Knotty Pine Drives to its confluence with Lake Tahoe. This segment of First Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
First Creek at Lakeshore Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 4.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.3	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l	S.V. ≤ 90 A-Avg. ≤ 75	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU	S.V. ≤ 9.0 A-Avg. ≤ 8.0	S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1656 Truckee Region: Glenbrook Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Glenbrook Creek from its origin to its confluence with Lake Tahoe. Glenbrook Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Glenbrook Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.060	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	S.V. ≤ 22.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1658 Truckee Region: Logan House Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Logan House Creek from its origin to its confluence with Lake Tahoe. Logan House Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Logan House Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.5	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.035 A-Avg. ≤ 0.035	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	S.V. ≤ 11.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1662 Truckee Region: Eagle Rock Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Eagle Rock Creek from its origin to its confluence with Edgewood Creek. Eagle Rock Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Eagle Rock Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.050 A-Avg. ≤ 0.045	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.3 A-Avg. ≤ 0.2	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	S.V. ≤ 12.0 A-Avg. ≤ 12.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1664 Truckee Region: Edgewood Creek at Palisades Drive. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Edgewood Creek from its origin to 50 feet downstream from the culvert at Palisades Drive. This segment of Edgewood Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Edgewood Creek at Palisades Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun–Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.100	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.6	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1666 Truckee Region: Edgewood Creek at Stateline. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Edgewood Creek from 50 feet downstream from the culvert at Palisades Drive to its confluence with Lake Tahoe. This segment of Edgewood Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Edgewood Creek at Stateline

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l	S.V. ≤ 0.065	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.4	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	S.V. ≤ 17.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E. coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1682 Truckee Region: Truckee River at the state line. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Truckee River at the California-Nevada state line. This segment of the Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY
Truckee River at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug ≤ 22 S.V. Sep-Oct ≤ 23			*	X							
ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU	S.V. 7.0 - 8.3	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.03	A-Avg. ≤ 0.10			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V. ≤ 0.01	S.V. ≤ 0.05			*	*	X	X					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤ 2.0			*	*	X	X					

(as N) - mg/l	A-Avg. ≤ 0.3 S.V. ≤ 0.43	Nitrite S.V. ≤ 0.04											
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 15.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 5.0 S.V. ≤ 9.0	S.V. ≤ 10.00			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 70.0 S.V. ≤ 85.0	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 7.0 S.V. ≤ 10.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 7.0 S.V. ≤ 8.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 0.5 S.V. ≤ 0.6	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 30.0 S.V. ≤ 150.0	~~≤ 200/400~~ [e] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			
BOD - mg/l		A-Avg. ≤ 2.5 S.V. ≤ 3.0						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1684 Truckee Region: Truckee River at Idlewild. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Truckee River from the California-Nevada state line to Idlewild. This segment of the Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY
Truckee River at Idlewild

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug ≤ 22 S.V. Sep-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.2 - 8.3	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.05	A-Avg. ≤ 0.10			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V. ≤ 0.02	S.V. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.3 S.V. ≤ 0.43	Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 15.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 6.0 S.V. ≤ 9.0	S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 80.0 S.V. ≤ 95.0	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 7.0 S.V. ≤ 10.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 7.0 S.V. ≤ 8.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 0.5 S.V. ≤ 0.6	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 50.0 S.V. ≤ 200.0	~~≤ 200/400~~ [e] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			
BOD - mg/l		A-Avg. ≤ 2.5 S.V. ≤ 3.0						*					

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1686 Truckee Region: Truckee River at East McCarran. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Truckee River from Idlewild to the East McCarran Boulevard Bridge. This segment of the Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY
Truckee River at East McCarran

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug ≤ 22 S.V. Sep-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.0 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.05	A-Avg. ≤ 0.10			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V. ≤ 0.02	S.V. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.3 S.V. ≤ 0.43	Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 15.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 6.0	S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 90.0 S.V. ≤ 120.0	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 7.0 S.V. ≤ 10.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 7.0 S.V. ≤ 8.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 0.5 S.V. ≤ 0.6	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 75.0 S.V. ≤ 350.0	~~≤ 200/400~~ [e] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
BOD - mg/l		A-Avg. ≤ 3.0 S.V. ≤ 5.0						*					

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1688 Truckee Region: Truckee River at Lockwood Bridge. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the Truckee River from the East McCarran Boulevard Bridge to the Lockwood Bridge. This segment of the Truckee River is located in Storey and Washoe Counties.

STANDARDS OF WATER QUALITY
Truckee River at Lockwood Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Juvenile and adult rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	 ΔT = 0	S.V. Nov-Mar ≤ 13 S.V. Apr ≤ 21[c] S.V. May ≤ 22[c,d] S.V. Jun-Oct ≤ 23[c,d] ΔT ≤ 2			*	X							
pH - SU	S.V. 7.1 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l		Total N A-Avg. ≤ 0.75 Total N S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[e]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 25.0	S.V. ≤ 50			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[f]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 210.0 S.V. ≤ 260.0	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 26.0 S.V. ≤ 30.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 39.0 S.V. ≤ 46.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1.5 S.V. ≤ 2.0	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 90.0 S.V. ≤ 300.0	~~≤ 200/400~~ [g] **S.V. ≤ 1000**	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard. The ΔT of ≤ 2°C is only for the Reno and Sparks Joint Wastewater Treatment Plant.

[c] When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 14°C from April through June.

[d] The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.

[e] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[f] Increase in color must not be more than 10 PCU above natural conditions.

~~[g] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1692 Truckee Region: Truckee River at Derby Dam. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the Truckee River from the Lockwood Bridge to Derby Dam. This segment of the Truckee River is located in Storey and Washoe Counties.

STANDARDS OF WATER QUALITY
Truckee River at Derby Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of Concern			Juvenile and adult rainbow trout and brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar $\leq$ 13 S.V. Apr $\leq$ 21[c] S.V. May $\leq$ 22[c,d] S.V. Jun-Oct $\leq$ 23[c,d] $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.0 - 8.6	S.V. 6.5 - 9.0 ΔpH $\pm$ 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. $\leq$ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l		Total N A-Avg. $\leq$ 0.75 Total N S.V. $\leq$ 1.2 Nitrate S.V. $\leq$ 2.0 Nitrite S.V. $\leq$ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[e]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar $\geq$ 6.0 S.V. Apr-Oct $\geq$ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. $\leq$ 24.0 S.V. $\leq$ 40.0	S.V. $\leq$ 50			*								
Turbidity - NTU	A-Avg. $\leq$ 8.0	S.V. $\leq$ 10			*			X					
Color - PCU	[f]	S.V. $\leq$ 75						*					
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 215.0 S.V. $\leq$ 265.0	A-Avg. $\leq$ 500	X	X				*					
Chlorides - mg/l	A-Avg. $\leq$ 21.0 S.V. $\leq$ 30.0	S.V. $\leq$ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. $\leq$ 39.0 S.V. $\leq$ 46.0	S.V. $\leq$ 250						*					
Sodium - SAR	A-Avg. $\leq$ 1.5 S.V. $\leq$ 2.0	A-Avg. $\leq$ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. $\leq$ 80.0 S.V. $\leq$ 250	~~$\leq$ 200/400~~ [g] **S.V. $\leq$ 1000**	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 14°C from April through June.

[d] The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.

[e] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[f] Increase in color must not be more than 10 PCU above natural conditions.

[g] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1694 Truckee Region: Truckee River at the Wadsworth Gage. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Truckee River from Derby Dam to the Wadsworth Gage. This segment of the Truckee River is located in Storey and Washoe Counties.

STANDARDS OF WATER QUALITY
Truckee River at the Wadsworth Gage

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Early spawning Lahontan cutthroat trout and their incubation, larvae, juveniles and migration, from May through June, depending on hydrologic conditions.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 13[c] S.V. Apr-Jun ≤ 14[c] S.V. Jul-Oct ≤ 25[d] $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.1 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l		Total N A-Avg. ≤ 0.75 Total N S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[e]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Jun ≥ 6.0 S.V. July-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 25.0	S.V. ≤ 50			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[f]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 245.0 S.V. ≤ 310.0	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 20.0 S.V. ≤ 28.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 39.0 S.V. ≤ 46.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1.5 S.V. ≤ 2.0	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	A.G.M. ≤ 50 S.V. ≤ 250	~~≤ 200/400~~ [g] **S.V. ≤ 1000**	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 13°C from November through March and 14°C from April through June.

[d] The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.

[e] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[f] Increase in color must not be more than 10 PCU above natural conditions.

~~[g] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.16965 Truckee Region: Truckee River at Pyramid Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Truckee River from the Wadsworth Gage to the mouth of the Truckee River at Pyramid Lake. This segment of the Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY
Truckee River at Pyramid Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Early spring spawning Lahontan cutthroat trout and cui-ui, and their incubation, larvae, juveniles and migration, from May through June, depending on hydrologic conditions.									
Temperature - °C		S.V. Nov-Mar ≤ 13[c] S.V. Apr-Jun ≤ 14[c] S.V. Jul-Oct ≤ 25[d]			*	X							
ΔT[b] - °C	ΔT = 0	ΔT ≤ 2											
pH - SU	S.V. 7.3 - 9.0	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l		Total N A-Avg. ≤ 0.75 Total N S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04 Ammonia S.V. ≤ 0.02 (unionized)			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. Nov-Jun ≥ 6.0 S.V. Jul-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 25.0	S.V. ≤ 50			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[e]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 415.0	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 105.0 S.V. ≤ 130.0	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 85.0 S.V. ≤ 106.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2.4 S.V. ≤ 2.9	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	A.G.M. ≤ 40 S.V. ≤ 250	≤ 200/400[f]	X	X		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 13°C from November through March and 14°C from April through June.

[d] The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.

[e] Increase in color must not be more than 10 PCU above natural conditions.

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1698 Truckee Region: Bronco Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Bronco Creek from its origin to the California-Nevada state line. Bronco Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Bronco Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		Avg. Jun-Sep ≤ 20.0 S.V. Summer ≤ 25.0 S.V. Winter ≤ 13.0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1[b]			*	*	X	X					
Nitrogen Species (as N)- mg/l		Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06 Total Nitrogen [b]	X X		 * *	 *		* X		X X			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/l		S.V. ≤ 500	X	X				*					
Chlorides - mg/l		S.V. ≤ 250	X					*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Total Ammonia (as N) - mg/l		[c]			*								

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R127-10, 12-16-2010)

NAC 445A.1702 Truckee Region: Gray Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Gray Creek from its origin to the California-Nevada state line. Gray Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Gray Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		Avg. Jun-Sep ≤ 20.0 S.V. Summer ≤ 25.0 S.V. Winter ≤ 13.0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.1[b]			*	*	X	X					
Nitrogen Species (as N)- mg/l		Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06 Total Nitrogen[b]	X X		 * *	 *		* X		X X			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/l		S.V. ≤ 500	X	X				*					
Chlorides - mg/l		S.V. ≤ 250	X					*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	* X	*			X	X		* X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Total Ammonia (as N) - mg/l		[c]			*								

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R127-10, 12-16-2010)

NAC 445A.1704 Truckee Region: Hunter Creek at Hunter Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Hunter Creek from its origin to Hunter Lake. This segment of Hunter Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Hunter Creek at Hunter Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1706 Truckee Region: Hunter Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Hunter Lake. Hunter Lake is located in Washoe County.

STANDARDS OF WATER QUALITY
Hunter Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1708 Truckee Region: Hunter Creek at the Truckee River. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Hunter Creek from Hunter Lake to its confluence with the Truckee River. This segment of Hunter Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Hunter Creek at the Truckee River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1722 Truckee Region: Washoe Lakes. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Washoe Lakes. Washoe Lakes is located in Washoe County.

STANDARDS OF WATER QUALITY
Washoe Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1724 Truckee Region: Steamboat Creek at the gaging station. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Steamboat Creek from Little Washoe Lake to gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M. This segment of Steamboat Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Steamboat Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1726 Truckee Region: Steamboat Creek at the Truckee River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Steamboat Creek from gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M., to its confluence with the Truckee River. This segment of Steamboat Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Steamboat Creek at the Truckee River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*	X			X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*	X	X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. 576				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.1728 Truckee Region: Franktown Creek, upper. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Franktown Creek from its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M. This segment of Franktown Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Franktown Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1732 Truckee Region: Franktown Creek at Washoe Lake. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Franktown Creek from the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M., to Washoe Lake. This segment of Franktown Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Franktown Creek at Washoe Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1734 Truckee Region: Hobart Reservoir and tributaries. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire system known as Hobart Reservoir and its tributaries. Hobart Reservoir and its tributaries are located in Washoe County.

STANDARDS OF WATER QUALITY
Hobart Reservoir and tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1736 Truckee Region: Ophir Creek at State Route 429. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Ophir Creek from its origin to State Route 429 (old U.S. Highway 395). This segment of Ophir Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Ophir Creek at State Route 429

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1738 Truckee Region: Ophir Creek at Washoe Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Ophir Creek from State Route 429 (old U.S. Highway 395) to Washoe Lake. This segment of Ophir Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Ophir Creek at Washoe Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1742 Truckee Region: Price's Lakes. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Price's Lakes. Price's Lakes is located in Washoe County.

STANDARDS OF WATER QUALITY
Price's Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1744 Truckee Region: Davis Lake. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Davis Lake. Davis Lake is located in Washoe County.

STANDARDS OF WATER QUALITY
Davis Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1746 Truckee Region: Galena Creek, upper. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Galena Creek from its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M. This segment of Galena Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Galena Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1748 Truckee Region: Galena Creek, middle. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Galena Creek from the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M., to gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M. This segment of Galena Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Galena Creek, middle

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1752 Truckee Region: Galena Creek at Steamboat Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Galena Creek from gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek. This segment of Galena Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
Galena Creek at Steamboat Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1754 Truckee Region: White's Creek, upper. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as White's Creek from its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M. This segment of White's Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
White's Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1756 Truckee Region: White's Creek at Steamboat Ditch. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as White's Creek below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M., to Steamboat Ditch. This segment of White's Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
White's Creek at Steamboat Ditch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1758 Truckee Region: White's Creek at Steamboat Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as White's Creek below Steamboat Ditch. This segment of White's Creek is located in Washoe County.

STANDARDS OF WATER QUALITY
White's Creek at Steamboat Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1762 Truckee Region: Lagomarsino Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Lagomarsino Creek, also known as Long Valley Creek. Lagomarsino Creek is located in Storey County.

STANDARDS OF WATER QUALITY
Lagomarsino Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*	X			X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*	X	X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. 576				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.1764 Truckee Region: Tracy Pond. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire area known as Tracy Pond. Tracy Pond is located in Storey County.

STANDARDS OF WATER QUALITY
Tracy Pond

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1782 Western Region: No designated beneficial uses. (NRS 445A.425, 445A.520**)** There are no designated beneficial uses for select bodies of water within the Western Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1784 Western Region: No designated standards. (NRS 445A.425, 445A.520**)** There are no designated standards for water quality for select bodies of water within the Western Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1792 Carson Region: Designated beneficial uses. (NRS 445A.425, 445A.520**)** The designated beneficial uses for select bodies of water within the Carson Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Carson River, West Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1796
Bryant Creek near the state line	From the California-Nevada state line to its confluence with the East Fork of the Carson River.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1798
Carson River, East Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1802
Carson River, East Fork at U.S. Highway 395 south of Gardnerville	From the California-Nevada state line to the Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1804
Carson River, East Fork at Muller Lane	From the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1806
Carson River at Genoa Lane	The East Fork of the Carson River from Muller Lane to the West Fork, the West Fork of the Carson River from the California-Nevada state line to the East Fork, and the main stem of the Carson River from the confluence of the East and West Forks to Genoa Lane.	X	X	X	X	X	X	X	X				Catfish, rainbow trout and brown trout	NAC 445A.1808
Carson River at Cradlebaugh Bridge	From Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge.	X	X	X	X	X	X	X	X				Catfish, rainbow trout and brown trout	NAC 445A.1812
Carson River at the Mexican Ditch Gage	From U.S. Highway 395 at Cradlebaugh Bridge to the Mexican Ditch Gage.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1814
Carson River near New Empire	From the Mexican Ditch Gage to New Empire.	X	X	X	X	X	X	X	X				Smallmouth bass, rainbow trout and brown trout	NAC 445A.1816
Carson River at Dayton Bridge	From New Empire to the Dayton Bridge.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	NAC 445A.1818
Carson River at Weeks	From the Dayton Bridge to the U.S. Highway 95 Alt Bridge at Weeks.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	NAC 445A.1822
Carson River at Lahontan Dam	From the U.S. Highway 95 Alt Bridge at Weeks to Lahontan Dam.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	NAC 445A.1824
Lower Carson River	From Lahontan Reservoir to the Carson Sink (the natural channel).	X	X	X	X	X	X	X	X					NAC 445A.1826
Daggett Creek	From its origin to the Carson River.	X	X	X	X	X	X		X					NAC 445A.1828
Genoa Creek	From its origin to the first diversion box at the mouth of the canyon, near the east line of section 9, T. 13 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1832

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Sierra Canyon Creek	From its origin to the first diversion structure at the mouth of the canyon, near the east line of section 4, T. 13 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1834
Clear Creek at the gaging station	From its origin to gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1836
Clear Creek at the Carson River	From gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M., to the Carson River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1838
Kings Canyon	From its origin to the point of diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1842
Ash Canyon	From its origin to the first point of diversion of the Carson City Water Department, near the west line of section 12, T. 15 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1844
V-Line Canal	From the Carson diversion dam to its division into the S and L Canals.	X	X	X	X	X	X	X	X					NAC 445A.1846
Rattlesnake Reservoir	The entire reservoir; also known as S-Line Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1848
Indian Lakes	All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake.	X	X	X	X	X	X	X	X					NAC 445A.1852
Diagonal Drain	Its entire length.	X	X	X	X	X	X	X	X					NAC 445A.1854
South Carson Lake	The entire lake; also known as Government Pasture and the Greenhead Gun Club.	X	X	X	X	X	X	X	X					NAC 445A.1856
Harmon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1858
Stillwater Marsh east of Westside Road	East of Westside Road and north of the community of Stillwater.	X	X	X	X	X	X	X	X					NAC 445A.1862
Stillwater Marsh west of Westside Road	West of Westside Road and south of the community of Stillwater.	X	X	X		X		X	X					NAC 445A.1864

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1794 Carson Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Carson Region are prescribed in NAC 445A.1794 to 445A.1864, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1796 Carson Region: Carson River, West Fork at the state line. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the West Fork of the Carson River at the California-Nevada state line. This segment of the West Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY
Carson River, West Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.4 - 8.4	S.V. 6.5 - 9.0 ΔpH ±0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.016 S.V. ≤ 0.033	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.4 S.V. ≤ 0.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 15	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 3 S.V. ≤ 5	S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 70 S.V. ≤ 95	A-Avg. ≤ 500	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chlorides - mg/l	A-Avg. ≤ 3 S.V. ≤ 5	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 4	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 105	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1798 Carson Region: Bryant Creek near the state line. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Bryant Creek from the California-Nevada state line to its confluence with the East Fork of the Carson River. This segment of Bryant Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Bryant Creek near the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22			*	X							
ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.036 S.V. ≤ 0.05	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤ 10	X		*	X	X	*		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
(as N) - mg/l	A-Avg. ≤ 0.6 S.V. ≤ 1.0	Nitrite S.V. ≤ 0.06											
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 375 S.V. ≤ 420	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 6 S.V. ≤ 7	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 50 S.V. ≤ 90	~~≤ 200/400~~ [e] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1802 Carson Region: Carson River, East Fork at the state line. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East Fork of the Carson River at the California-Nevada state line. This segment of the East Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY
Carson River, East Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.03 S.V. ≤ 0.065	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.5 S.V. ≤ 1.1	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 5 S.V. ≤ 8	 S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 145 S.V. ≤ 185	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 3 S.V. ≤ 5	 S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 3	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 40 S.V. ≤ 60	~~≤ 200/400~~ [e] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1804 Carson Region: Carson River, East Fork at U.S. Highway 395 south of Gardnerville. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East Fork of the Carson River from the California-Nevada state line to the Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville. This segment of the East Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY
Carson River, East Fork at U.S. Highway 395 south of Gardnerville

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.5 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.4 S.V. ≤ 0.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 120 S.V. ≤ 175	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 6 S.V. ≤ 10	 S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 20 S.V. ≤ 85	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1806 Carson Region: Carson River, East Fork at Muller Lane. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the East Fork of the Carson River from the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane. This segment of the East Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY
Carson River, East Fork at Muller Lane

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13°C S.V. Jun ≤ 17°C S.V. Jul ≤ 21°C S.V. Aug-Oct ≤ 22°C $\Delta T \leq 2$°C			*	X							
pH - SU	S.V. 7.4 - 8.7	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.5 S.V. ≤ 0.8	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 180 S.V. ≤ 205	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 8 S.V. ≤ 10	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 50	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1808 Carson Region: Carson River at Genoa Lane. (NRS 445A.425, 445A.520) The limits of this table apply to the bodies of water known as the Carson River, including the East Fork of the Carson River from Muller Lane to the West Fork, the West Fork of the Carson River from the California-Nevada state line to the East Fork, and the main stem of the Carson River from the confluence of the East and West Forks to Genoa Lane. These segments of the Carson River are located in Douglas County.

STANDARDS OF WATER QUALITY
Carson River at Genoa Lane

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Catfish, rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.4 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.8 S.V. ≤ 1.3	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Apr ≥ 6.0 S.V. May-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≥ 80			*								
Turbidity - NTU		S.V. ≥ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 165 S.V. ≤ 220	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 8 S.V. ≤ 12	 S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 180	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1812 Carson Region: Carson River at Cradlebaugh Bridge. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Carson River from Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge. This segment of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY
Carson River at Cradlebaugh Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Catfish, rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.5 - 8.4	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.85 S.V. ≤ 1.2	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Apr ≥ 6.0 S.V. May- Oct ≥ 5.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 180 S.V. ≤ 230	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 8 S.V. ≤ 15	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1814 Carson Region: Carson River at the Mexican Ditch Gage. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Carson River from U.S. Highway 395 at Cradlebaugh Bridge to the Mexican Ditch Gage. This segment of the Carson River is located in Carson City and Douglas County.

STANDARDS OF WATER QUALITY
Carson River at the Mexican Ditch Gage

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.4 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.8 S.V. ≤ 1.3	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Apr ≥ 6.0 S.V. May-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 285 S.V. ≤ 360	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 17 S.V. ≤ 23	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 24 S.V. ≤ 100	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 110 S.V. ≤ 295	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1816 Carson Region: Carson River near New Empire. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Carson River from the Mexican Ditch Gage to New Empire. This segment of the Carson River is located in Carson City.

STANDARDS OF WATER QUALITY
Carson River near New Empire

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Smallmouth bass, rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 18 S.V. Jun-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.4 - 8.4	S.V. 6.5 - 9.0 ΔpH ±0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.7	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 260 S.V. ≤ 375	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 13 S.V. ≤ 24	 S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1818 Carson Region: Carson River at Dayton Bridge. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Carson River from New Empire to the Dayton Bridge. This segment of the Carson River is located in Carson City and Lyon County.

STANDARDS OF WATER QUALITY
Carson River at Dayton Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.5 - 8.6	S.V. 6.5 - 9.0 ΔpH ±0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.2 S.V. ≤ 1.6	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU	A-Avg. ≤ 12 S.V. ≤ 25	S.V. ≤ 50			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 250 S.V. ≤ 400	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 10 S.V. ≤ 18	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 50 S.V. ≤ 280	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1822 Carson Region: Carson River at Weeks. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Carson River from the Dayton Bridge to the U.S. Highway 95 Alt Bridge at Weeks. This segment of the Carson River is located in Lyon County.

STANDARDS OF WATER QUALITY
Carson River at Weeks

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	X							
pH - SU	S.V. 7.5 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.1	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU	A-Avg. ≤ 25	S.V. ≤ 50			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 250 S.V. ≤ 380	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 10 S.V. ≤ 18	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 100 S.V. ≤ 140	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 90 S.V. ≤ 240	~~≤ 200/400~~ [e] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

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(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1824 Carson Region: Carson River at Lahontan Dam. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Carson River from the U.S. Highway 95 Alt Bridge at Weeks to Lahontan Dam. This segment of the Carson River is located in Churchill and Lyon Counties.

STANDARDS OF WATER QUALITY
Carson River at Lahontan Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		S.V. ≤ 0.06			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.7	Nitrate S.V. ≤ 10 Nitrite S.V. ≤. 1.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 15 S.V. ≤ 27	S.V. ≤ 50			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 175 S.V. ≤ 225	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 9 S.V. ≤ 15	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 35 S.V. ≤ 50	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	A.G.M. ≤ 25 S.V. ≤ 75	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1826 Carson Region: Lower Carson River. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Lower Carson River from Lahontan Reservoir to the Carson Sink (the natural channel). This segment of the Lower Carson River is located in Churchill County.

STANDARDS OF WATER QUALITY
Lower Carson River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1828 Carson Region: Daggett Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Daggett Creek from its origin to the Carson River. Daggett Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Daggett Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1832 Carson Region: Genoa Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Genoa Creek from its origin to the first diversion box at the mouth of the canyon, near the east line of section 9, T. 13 N., R. 19 E., M.D.B. & M. Genoa Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Genoa Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1834 Carson Region: Sierra Canyon Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Sierra Canyon Creek from its origin to the first diversion structure at the mouth of the canyon, near the east line of section 4, T. 13 N., R. 19 E., M.D.B. & M. Sierra Canyon Creek is located in Douglas County.

STANDARDS OF WATER QUALITY
Sierra Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1836 Carson Region: Clear Creek at the gaging station. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Clear Creek from its origin to gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M. This segment of Clear Creek is located in Carson City and Douglas County.

STANDARDS OF WATER QUALITY
Clear Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1838 Carson Region: Clear Creek at the Carson River. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Clear Creek from gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M., to the Carson River. This segment of Clear Creek is located in Carson City and Douglas County.

STANDARDS OF WATER QUALITY
Clear Creek at the Carson River

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1842 Carson Region: Kings Canyon. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Kings Canyon from its origin to the point of diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M. Kings Canyon is located in Carson City.

STANDARDS OF WATER QUALITY
Kings Canyon

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1844 Carson Region: Ash Canyon. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Ash Canyon from its origin to the first point of diversion of the Carson City Water Department, near the west line of section 12, T. 15 N., R. 19 E., M.D.B. & M. Ash Canyon is located in Carson City.

STANDARDS OF WATER QUALITY
Ash Canyon

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1846 Carson Region: V-Line Canal. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as V-Line Canal from the Carson diversion dam to its division into the S and L Canals. V-Line Canal is located in Churchill County.

STANDARDS OF WATER QUALITY
V-Line Canal

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1848 Carson Region: Rattlesnake Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Rattlesnake Reservoir, also known as S-Line Reservoir. Rattlesnake Reservoir is located in Churchill County.

STANDARDS OF WATER QUALITY
Rattlesnake Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1852 Carson Region: Indian Lakes. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Indian Lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake. Indian Lakes is located in Churchill County.

STANDARDS OF WATER QUALITY
Indian Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~
~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~
~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1854 Carson Region: Diagonal Drain. (NRS 445A.425, 445A.520**)** The limits of this table apply to the entire body of water known as Diagonal Drain. Diagonal Drain is located in Churchill County.

STANDARDS OF WATER QUALITY
Diagonal Drain

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1856 Carson Region: South Carson Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as South Carson Lake, also known as Government Pasture and the Greenhead Gun Club. South Carson Lake is located in Churchill County.

STANDARDS OF WATER QUALITY
South Carson Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1858 Carson Region: Harmon Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Harmon Reservoir. Harmon Reservoir is located in Churchill County.

STANDARDS OF WATER QUALITY
Harmon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1862 Carson Region: Stillwater Marsh east of Westside Road. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Stillwater Marsh east of Westside Road and north of the community of Stillwater. This segment of Stillwater Marsh is located in Churchill County.

STANDARDS OF WATER QUALITY
Stillwater Marsh east of Westside Road

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1864 Carson Region: Stillwater Marsh west of Westside Road. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Stillwater Marsh west of Westside Road and south of the community of Stillwater. This segment of Stillwater Marsh is located in Churchill County.

STANDARDS OF WATER QUALITY
Stillwater Marsh west of Westside Road

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 630					*						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1882 Walker Region: Designated beneficial uses. (NRS 445A.425, 445A.520) The designated beneficial uses for select bodies of water within the Walker Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Walker River, West Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1886
Topaz Lake	At various points in Topaz Lake.	X	X	X	X	X	X	X	X				Rainbow trout, cutthroat trout, brown trout, kokanee salmon and silver salmon	NAC 445A.1888
Walker River, West Fork near Wellington	From the California-Nevada state line to near Wellington.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1892
Walker River, West Fork at the East Fork at the Walker River	Near Wellington to its confluence with the East Fork of the Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	NAC 445A.1894
Sweetwater Creek	From the California-Nevada state line to its confluence with the East Fork of the Walker River.	X	X	X	X	X	X	X	X				Mountain whitefish, brown trout, brook trout and rainbow trout	NAC 445A.1896
Walker River, East Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1898
Walker River, East Fork at Bridge B-1475	From the California-Nevada state line to Bridge B-1475.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	NAC 445A.1902
Walker River, East Fork at the West Fork of the Walker River	From Bridge B-1475 to its confluence with the West Fork of the Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	NAC 445A.1904
Walker River at the inlet to Weber Reservoir	From the confluence of the East Fork of the Walker River and the West Fork of the Walker River to the inlet to Weber Reservoir.	X	X	X	X	X	X	X	X				Channel catfish and largemouth bass	NAC 445A.1906

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Walker River at Schurz Bridge	From Weber Reservoir to the inlet to Walker Lake.	X	X	X	X	X	X	X	X				Channel catfish, largemouth bass and, from February through June when an adequate flow exists, adult Lahontan cutthroat trout and adult rainbow trout	NAC 445A.1908
Walker Lake	The entire lake.			X	X	X			X				Tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout	NAC 445A.1914
Desert Creek	From the California-Nevada state line to its confluence with the West Fork of the Walker River.	X	X	X	X	X	X	X	X				Brown trout, brook trout and rainbow trout	NAC 445A.1916
Mason Valley Wildlife Management Area - Bass, Crappie and North Ponds and Hinkson Slough	Hinkson Slough, Bass Pond, Crappie Pond and North Pond.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1918
Mason Valley Wildlife Management Area	All surface water impoundments, excluding Hinkson Slough, Bass Pond, Crappie Pond and North Pond.	X	X	X	X	X	X	X	X					NAC 445A.1922
Weber Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1924
Cottonwood Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 34, T. 9 N., R. 28 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1926
Squaw Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 33, T. 9 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1928
Rose Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 4, T. 8 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1932
Corey Creek	From its origin to the point of diversion of the town of Hawthorne, near the west line of section 3, T. 7 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1934

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1884 Walker Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Walker Region are prescribed in NAC 445A.1884 to 445A.1934, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1886 Walker Region: Walker River, West Fork at the state line. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the West Fork of the Walker River at the California-Nevada state line. This segment of the West Fork of the Walker River is located in Douglas County.

STANDARDS OF WATER QUALITY
Walker River, West Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	S.V. Jul-Oct ≤ 22 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 0.9	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 60	S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU	S.V. ≤ 26	S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 165 S.V. ≤ 220	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 15 S.V. ≤ 20	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 25	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1888 Walker Region: Topaz Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Topaz Lake at various points in Topaz Lake. Topaz Lake is located in Douglas County.

STANDARDS OF WATER QUALITY
Topaz Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout, cutthroat trout, brown trout, kokanee salmon and silver salmon.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05 S.V. ≤ 0.10			*	*	X	X					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤ 10	X		*	X	X	*		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
(as N) - mg/l	A-Avg. ≤ 0.6 S.V. ≤ 1.0	Nitrite S.V. ≤ 0.06											
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct[d] ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 6.0 S.V. ≤ 9.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 3.0 S.V. ≤ 5.0	[e]			*			X					
Color - PCU	S.V. ≤ 21	S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 105 S.V. ≤ 120	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 7 S.V. ≤ 10	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 25	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] The dissolved oxygen standard from June to October applies only to the epilimnion.
[e] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1892 Walker Region: Walker River, West Fork near Wellington. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the West Fork of the Walker River from the California-Nevada state line to near Wellington. This segment of the West Fork of the Walker River is located in Douglas and Lyon Counties.

STANDARDS OF WATER QUALITY
Walker River, West Fork near Wellington

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.07 S.V. ≤ 0.10	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 175 S.V. ≤ 260	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 16 S.V. ≤ 30	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1894 Walker Region: Walker River, West Fork at the East Fork of the Walker River. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the West Fork of the Walker River near Wellington to its confluence with the East Fork of the Walker River near Nordyke Road. This segment of the West Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY
Walker River, West Fork at the East Fork of the Walker River

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout and rainbow trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr $\leq$ 13 S.V. May-Jun $\leq$ 17 S.V. Jul-Oct $\leq$ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l	S.V. $\leq$ 0.15	A-Avg. $\leq$ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 1.0 S.V. $\leq$ 1.2	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May $\geq$ 6.0 S.V. Jun-Oct $\geq$ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. $\leq$ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU	S.V. $\leq$ 46	S.V. $\leq$ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 330 S.V. $\leq$ 425	A-Avg. $\leq$ 500	X	X				*					
Chlorides - mg/l	A-Avg. $\leq$ 22 S.V. $\leq$ 28	 S.V. $\leq$ 250	X	X				*		X			
Sulfate - mg/l	S.V. $\leq$ 74	S.V. $\leq$ 250						*					
Sodium - SAR		A-Avg. $\leq$ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1896 Walker Region: Sweetwater Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Sweetwater Creek from the California-Nevada state line to its confluence with the East Fork of the Walker River. Sweetwater Creek is located in Lyon County.

STANDARDS OF WATER QUALITY
Sweetwater Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, brown trout, brook trout and rainbow trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrate A-Avg. ≤ 0.25 S.V. ≤ 0.45	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	S.V. ≤ 45	S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 220 S.V. ≤ 300	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 5 S.V. ≤ 7	 S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1898 Walker Region: Walker River, East Fork at the state line. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East Fork of the Walker River at the California-Nevada state line. This segment of the East Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY
Walker River, East Fork at the state line

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr $\leq$ 13 S.V. May-Jun $\leq$ 17 S.V. Jul-Oct $\leq$ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. $\leq$ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 0.8 S.V. $\leq$ 1.4	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May $\geq$ 6.0 S.V. Jun-Oct $\geq$ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	S.V. $\leq$ 30	S.V. $\leq$ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. $\leq$ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 175 S.V. $\leq$ 210	A-Avg. $\leq$ 500	X	X				*					
Chlorides - mg/l	A-Avg. $\leq$ 5 S.V. $\leq$ 7	 S.V. $\leq$ 250	X	X				*		X			
Sulfate - mg/l	S.V. $\leq$ 26	S.V. $\leq$ 250						*					
Sodium - SAR	A-Avg. $\leq$ 2	A-Avg. $\leq$ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1902 Walker Region: Walker River, East Fork at Bridge B-1475. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the East Fork of the Walker River from the California-Nevada state line to Bridge B-1475. This segment of the East Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY
Walker River, East Fork at Bridge B-1475

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.7	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 320 S.V. ≤ 390	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 13 S.V. ≤ 19	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1904 Walker Region: Walker River, East Fork at the West Fork of the Walker River. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the East Fork of the Walker River from Bridge B-1475 to its confluence with the West Fork of the Walker River near Nordyke Road. This segment of the East Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY
Walker River, East Fork at the West Fork of the Walker River

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout and rainbow trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr $\leq$ 13 S.V. May-Jun $\leq$ 17 S.V. Jul-Oct $\leq$ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. $\leq$ 0.16 S.V. $\leq$ 0.39			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 0.9 S.V. $\leq$ 1.7	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May $\geq$ 6.0 S.V. Jun-Oct $\geq$ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. $\leq$ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. $\leq$ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 320 S.V. $\leq$ 390	A-Avg. $\leq$ 500	X	X				*					
Chlorides - mg/l	A-Avg. $\leq$ 13 S.V. $\leq$ 19	 S.V. $\leq$ 250	X	X				*		X			
Sulfate - mg/l	S.V. $\leq$ 44	S.V. $\leq$ 250						*					
Sodium - SAR		A-Avg. $\leq$ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1906 Walker Region: Walker River at the inlet to Weber Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Walker River from the confluence of the East Fork of the Walker River and the West Fork of the Walker River to the inlet to Weber Reservoir. This segment of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY
Walker River at the inlet to Weber Reservoir

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Channel catfish and largemouth bass.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 13 S.V. Apr-Jun ≤ 23[c] S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.26 S.V. ≤ 0.40			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.2 S.V. ≤ 1.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1[d]	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[e]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		[f]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 400 S.V. ≤ 450	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 30 S.V. ≤ 35	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 95 S.V. ≤ 110	S.V. ≤ 250						*					
Sodium - SAR	S.V. ≤ 3	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The temperature beneficial use standard is ≤ 21°C from February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to Weber Reservoir.
[d] The nitrite beneficial use standard is ≤ 0.06 mg/l from February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to the Weber Reservoir.
[e] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[f] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1908 Walker Region: Walker River at Schurz Bridge. (NRS 445A.425, 445A.520) The limits of this table apply to the Walker River from Weber Reservoir to the inlet to Walker Lake. This segment of the Walker River is located in Mineral County.

STANDARDS OF WATER QUALITY
Walker River at Schurz Bridge

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Channel catfish, largemouth bass and, from February through June when an adequate flow exists, adult Lahontan cutthroat trout and adult rainbow trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar $\leq$ 13 S.V. Apr-Jun $\leq$ 23[c] S.V. Jul-Oct $\leq$ 28 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH $\pm$ 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. $\leq$ 0.17 S.V. $\leq$ 0.23			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. $\leq$ 1.2 S.V. $\leq$ 1.5	Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0[d] Ammonia (un-ionized) $\leq$ 0.06	X		*	X	X	*		X			
Dissolved Oxygen - mg/l		S.V. Nov-May $\geq$ 6.0 S.V. Jun-Oct $\geq$ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	S.V. $\leq$ 60	S.V. $\leq$ 80			*								
Turbidity - NTU		[e]			*			X					
Color - PCU		S.V. $\leq$ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. $\leq$ 390 S.V. $\leq$ 570	A-Avg. $\leq$ 500	X	X				*					
Chlorides - mg/l	A-Avg. $\leq$ 23 S.V. $\leq$ 34	 S.V. $\leq$ 250	X	X				*		X			
Sulfate - mg/l		S.V. $\leq$ 250						*					
Sodium - SAR	S.V. $\leq$ 3	A-Avg. $\leq$ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 235				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The temperature beneficial use standard is $\leq$ 21°C from February through June when Lahontan cutthroat trout are present.
[d] The nitrite beneficial use standard is $\leq$ 0.06 mg/l from February through June when Lahontan cutthroat trout are present.
[e] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1914 Walker Region: Walker Lake. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Walker Lake. Walker Lake is located in Mineral County.

STANDARDS OF WATER QUALITY
Walker Lake

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses					X	X	X			X			
Aquatic Life Species of Concern			Tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout.										
Temperature - °C ΔT^b - °C		$\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.7			*	X				X			
Total Phosphates (as P) - mg/l		S.V. $\leq$ 0.82			*								
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen S.V. $\leq$ 0.3	Nitrate S.V. $\leq$ 90 Nitrite S.V. $\leq$ 0.06			*					X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. $\geq$ 5[d]			*	X	X			X			
Suspended Solids - mg/l		S.V. $\leq$ 25			*								
E. coli - No./100 ml		A.G.M. $\leq$ 126 S.V. $\leq$ 235				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] When lake is stratified, the dissolved oxygen applies only to the epilimnion.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1916 Walker Region: Desert Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Desert Creek from the California-Nevada state line to its confluence with the West Fork of the Walker River. Desert Creek is located in Douglas and Lyon Counties.

STANDARDS OF WATER QUALITY
Desert Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a] Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout, brook trout and rainbow trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr $\leq$ 13 S.V. May-Jun $\leq$ 17 S.V. Jul-Oct $\leq$ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH $\pm$ 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l	S.V. $\leq$ 0.13	A-Avg. $\leq$ 0.1			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l	Total Nitrate A-Avg. ≤ 0.20 S.V. ≤ 0.27	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 110 S.V. ≤ 130	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 5 S.V. ≤ 7	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1918 Walker Region: Mason Valley Wildlife Management Area - Bass, Crappie and North Ponds and Hinkson Slough. (NRS 445A.425, 445A.520) The limits of this table apply to the bodies of water in the Mason Valley Wildlife Management Area known as Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of the Mason Valley Wildlife Management Area is located in Lyon County.

STANDARDS OF WATER QUALITY
Mason Valley Wildlife Management Area -
Bass, Crappie and North Ponds and Hinkson Slough

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1922 Walker Region: Mason Valley Wildlife Management Area. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Mason Valley Wildlife Management Area for all surface water impoundments, excluding Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of the Mason Valley Wildlife Management Area is located in Lyon County.

STANDARDS OF WATER QUALITY
Mason Valley Wildlife Management Area

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~d~~ ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1924 Walker Region: Weber Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Weber Reservoir. Weber Reservoir is located in Lyon and Mineral Counties.

STANDARDS OF WATER QUALITY
Weber Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Dissolved Solids - mg/l		S.V. ≤ 500 or one-third above that characteristic of natural conditions (whichever is less).	X	X				*					
Fecal Coliform - No./100 ml		[c]	X	X		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The more stringent of the following apply:
1. The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.
2. The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters, nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.
3. The fecal coliform concentration, based on a minimum of five samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, and not more than 10 percent of total samples during any 30-day period may exceed 400 per 100 milliliters. This is applicable only to those waters used primarily for recreation involving contact with the water.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1926 Walker Region: Cottonwood Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Cottonwood Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 34, T. 9 N., R. 28 E., M.D.B. & M. This segment of Cottonwood Creek is located in Mineral County.

STANDARDS OF WATER QUALITY
Cottonwood Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1928 Walker Region: Squaw Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Squaw Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 33, T. 9 N., R. 29 E., M.D.B. & M. Squaw Creek is located in Mineral County.

STANDARDS OF WATER QUALITY
Squaw Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1932 Walker Region: Rose Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Rose Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 4, T. 8 N., R. 29 E., M.D.B. & M. Rose Creek is located in Mineral County.

STANDARDS OF WATER QUALITY
Rose Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1934 Walker Region: Corey Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Corey Creek from its origin to the point of diversion of the town of Hawthorne, near the west line of section 3, T. 7 N., R. 29 E., M.D.B. & M. Corey Creek is located in Mineral County.

STANDARDS OF WATER QUALITY
Corey Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1952 Central Region: Designated beneficial uses. (NRS 445A.425, 445A.520) The designated beneficial uses for select bodies of water within the Central Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Chiatovich Creek	Above the highway maintenance station.	X	X	X	X	X	X	X	X				NAC 445A.1956
Indian Creek	Above the center of section 9, T. 2 S., R. 34 E., M.D.B. & M.	X	X	X	X	X	X	X	X				NAC 445A.1958
Leidy Creek	Above the hydroelectric plant.	X	X	X	X	X	X	X	X				NAC 445A.1962
Fish Lake	The entire lake.	X	X	X	X	X	X	X	X				NAC 445A.1964
Star Creek	From its origin to the first point of diversion, near the west line of T. 31 N., R. 34 E., M.D.B. & M.	X	X	X	X	X	X		X				NAC 445A.1966
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1968
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.1972
Jett Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.1974
Twin River, South Fork	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.1976
Twin River, North Fork	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.1978
Kingston Creek at Groves Lake	From its origin to Groves Lake.	X	X	X	X	X	X		X				NAC 445A.1982
Groves Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1984

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Kingston Creek below Groves Lake	Below Groves Lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1986
Birch Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1988
Birch Creek below the national forest boundary	From the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1992
Skull Creek	From its origin to the first point of diversion, near the east line of T. 21 N., R. 45 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1994
Steiner Creek	From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1996
Pine Creek (Nye County)	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1998
Barley Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2002
Mosquito Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2004
Stoneberger Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2006
Roberts Creek at Roberts Creek Reservoir	From its origin to Roberts Creek Reservoir.	X	X	X	X	X	X		X					NAC 445A.2008
Roberts Creek below Roberts Creek Reservoir	Below Roberts Creek Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2012
Fish Springs Pond	The entire pond.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2014
Illipah Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2016
Ruby Marsh	The entire area.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2018
Angel Lake	The entire lake.	X	X	X	X	X	X		X					NAC 445A.2022
Pole Canyon Creek	From its origin to where it becomes Franklin River.	X	X	X	X	X	X		X					NAC 445A.2024
Goshute Creek	From its origin to the first point of diversion, near the center of section 12, T. 25 N., R. 63 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2026
Gleason Creek at State Highway 485	From its origin to State Highway 485 (old State Highway 44).	X	X	X	X	X	X	X	X					NAC 445A.2028
Gleason Creek at Murry Creek	From State Highway 485 (old State Highway 44) to its confluence with Murry Creek.	X	X	X		X		X	X					NAC 445A.2032
Murry Creek above Crawford Street	From its confluence with Gleason Creek to Crawford Street	X	X	X	X	X		X	X					NAC 445A.2034
Murry Creek below Crawford Street	From Crawford Street to the south line of section 35, T.17 N., R. 63 E., M.D.B. & M.	X	X	X		X		X	X					NAC 445A.2035

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Comins Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2036
North Creek	From its origin to the pipeline intake, near the north line of section 20, T. 19 N., R. 65 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2038
East Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2042
Bird Creek	From its origin to the pipeline intake, near Bird Creek Campground.	X	X	X	X	X	X		X					NAC 445A.2044
Timber Creek	From its origin to the pipeline intake, near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2046
Berry Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2048
Duck Creek	From its origin to the pipeline intake, near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2052
Cleve Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2054
Cave Creek	Its entire length.	X	X	X	X	X	X		X					NAC 445A.2056
Cave Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2058
Pine Creek (White Pine County)	From its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2062
Ridge Creek	From its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2064
Currant Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2066
Currant Creek at Currant	From the national forest boundary to Currant.	X	X	X	X	X	X	X	X					NAC 445A.2068

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

(Added to NAC by Environmental Comm’n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.1954 Central Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Central Region are prescribed in NAC 445A.1954 to 445A.2068, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1956 Central Region: Chiatovich Creek. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Chiatovich Creek above the highway maintenance station. Chiatovich Creek is located in Esmeralda County.

STANDARDS OF WATER QUALITY
Chiatovich Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.04 S.V. ≤ 0.06	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 0.8	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					
Total Dissolved Solids - mg/l	A-Avg. ≤ 50 S.V. ≤ 60	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 2 S.V. ≤ 3	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 4 S.V. ≤ 5	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 100 S.V. ≤ 200	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] ~~Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1958 Central Region: Indian Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Indian Creek above the center of section 9, T. 2 S., R. 34 E., M.D.B. & M. Indian Creek is located in Esmeralda County.

STANDARDS OF WATER QUALITY
Indian Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	X							
ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.13	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 0.45	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					
Total Dissolved Solids - mg/l	A-Avg. ≤ 225 S.V. ≤ 300	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 6 S.V. ≤ 10	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 100 S.V. ≤ 200	~~≤ 200/400~~ [e] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1962 Central Region: Leidy Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Leidy Creek above the hydroelectric plant. Leidy Creek is located in Esmeralda County.

STANDARDS OF WATER QUALITY
Leidy Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	X							
ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.013 S.V. ≤ 0.03	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate A-Avg. ≤ 0.18 S.V. ≤ 0.22	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					
Total Dissolved Solids - mg/l	A-Avg. ≤ 135 S.V. ≤ 150	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 3 S.V. ≤ 5	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 100 S.V. ≤ 200	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1964 Central Region: Fish Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Fish Lake. Fish Lake is located in Esmeralda County.

STANDARDS OF WATER QUALITY
Fish Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1966 Central Region: Star Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Star Creek from its origin to the first point of diversion, near the west line of T. 31 N., R. 34 E., M.D.B. & M. Star Creek is located in Pershing County.

STANDARDS OF WATER QUALITY
Star Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1968 Central Region: Willow Creek Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Willow Creek Reservoir. Willow Creek Reservoir is located in Lander County.

STANDARDS OF WATER QUALITY

Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 298				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1972 Central Region: Peavine Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Peavine Creek from its origin to the first point of diversion, near the national forest boundary. Peavine Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Peavine Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1974 Central Region: Jett Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Jett Creek from its origin to the national forest boundary. Jett Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Jett Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1976 Central Region: Twin River, South Fork. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the South Fork of Twin River from its origin to the first point of diversion, near the national forest boundary. The South Fork of Twin River is located in Nye County.

STANDARDS OF WATER QUALITY
Twin River, South Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1978 Central Region: Twin River, North Fork. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the North Fork of Twin River from its origin to the first point of diversion, near the national forest boundary. The North Fork of Twin River is located in Nye County.

STANDARDS OF WATER QUALITY
Twin River, North Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1982 Central Region: Kingston Creek at Groves Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Kingston Creek from its origin to Groves Lake. This segment of Kingston Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Kingston Creek at Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1984 Central Region: Groves Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Groves Lake. Groves Lake is located in Lander County.

STANDARDS OF WATER QUALITY
Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 298				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1986 Central Region: Kingston Creek below Groves Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Kingston Creek below Groves Lake. This segment of Kingston Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Kingston Creek below Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1988 Central Region: Birch Creek at the national forest boundary. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Birch Creek from its origin to the national forest boundary. This segment of Birch Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Birch Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1992 Central Region: Birch Creek below the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Birch Creek from the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M. This segment of Birch Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Birch Creek below the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1994 Central Region: Skull Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Skull Creek from its origin to the first point of diversion, near the east line of T. 21 N., R. 45 E., M.D.B. & M. Skull Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Skull Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1996 Central Region: Steiner Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Steiner Creek from its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M. Steiner Creek is located in Lander County.

STANDARDS OF WATER QUALITY
Steiner Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.1998 Central Region: Pine Creek (Nye County). (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Pine Creek (Nye County) from its origin to the national forest boundary. Pine Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Pine Creek (Nye County)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2002 Central Region: Barley Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Barley Creek from its origin to the first point of diversion, near the national forest boundary. Barley Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Barley Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2004 Central Region: Mosquito Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Mosquito Creek from its origin to the national forest boundary. Mosquito Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Mosquito Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2006 Central Region: Stoneberger Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Stoneberger Creek from its origin to the national forest boundary. Stoneberger Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Stoneberger Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2008 Central Region: Roberts Creek at Roberts Creek Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Roberts Creek from its origin to Roberts Creek Reservoir. This segment of Roberts Creek is located in Eureka County.

STANDARDS OF WATER QUALITY
Roberts Creek at Roberts Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2012 Central Region: Roberts Creek below Roberts Creek Reservoir. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Roberts Creek below Roberts Creek Reservoir. This segment of Roberts Creek is located in Eureka County.

STANDARDS OF WATER QUALITY
Roberts Creek below Roberts Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2014 Central Region: Fish Springs Pond. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Fish Springs Pond. Fish Springs Pond is located in Eureka County.

STANDARDS OF WATER QUALITY
Fish Springs Pond

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2016 Central Region: Illipah Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Illipah Reservoir. Illipah Reservoir is located in White Pine County.

STANDARDS OF WATER QUALITY
Illipah Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2018 Central Region: Ruby Marsh. (NRS 445A.425, 445A.520) The limits of this table apply to the entire area known as Ruby Marsh. Ruby Marsh is located in Elko and White Pine Counties.

STANDARDS OF WATER QUALITY
Ruby Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2022 Central Region: Angel Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Angel Lake. Angel Lake is located in Elko County.

STANDARDS OF WATER QUALITY
Angel Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 298				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2024 Central Region: Pole Canyon Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Pole Canyon Creek from its origin to where it becomes Franklin River. Pole Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY
Pole Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2026 Central Region: Goshute Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Goshute Creek from its origin to the first point of diversion, near the center of section 12, T. 25 N., R. 63 E., M.D.B. & M. Goshute Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Goshute Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

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(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2028 Central Region: Gleason Creek at State Highway 485. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Gleason Creek from its origin to State Highway 485 (old State Highway 44). This segment of Gleason Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Gleason Creek at State Highway 485

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2032 Central Region: Gleason Creek at Murry Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Gleason Creek from State Highway 485 (old State Highway 44) to its confluence with Murry Creek. This segment of Gleason Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Gleason Creek at Murry Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 630					*						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2034 Central Region: Murry Creek above Crawford Street. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Murry Creek from its confluence with Gleason Creek to Crawford Street. This segment of Murry Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Murry Creek above Crawford Street

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*	X			X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*	X	X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. 576				*	X						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008; A by R129-10, 1-13-2011)

NAC 445A.2035 Central Region: Murry Creek below Crawford Street. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Murry Creek from Crawford Street to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M. This segment of Murry Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Murry Creek below Crawford Street

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V.6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V.≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E. coli - No./100 ml		A.G.M.≤ 630					*						

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n by R129-10, eff. 1-13-2011)

NAC 445A.2036 Central Region: Comins Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Comins Reservoir. Comins Reservoir is located in White Pine County.

STANDARDS OF WATER QUALITY
Comins Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~d~~ ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2038 Central Region: North Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as North Creek from its origin to the pipeline intake, near the north line of section 20, T. 19 N., R. 65 E., M.D.B. & M. North Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
North Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2042 Central Region: East Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as East Creek from its origin to the pipeline intake, near the national forest boundary. East Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
East Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2044 Central Region: Bird Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Bird Creek from its origin to the pipeline intake, near Bird Creek Campground. Bird Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Bird Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2046 Central Region: Timber Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Timber Creek from its origin to the pipeline intake, near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M. Timber Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Timber Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2048 Central Region: Berry Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Berry Creek from its origin to the pipeline intake, near the national forest boundary. Berry Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Berry Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2052 Central Region: Duck Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Duck Creek from its origin to the pipeline intake, near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M. Duck Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Duck Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2054 Central Region: Cleve Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Cleve Creek from its origin to the national forest boundary. Cleve Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Cleve Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2056 Central Region: Cave Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Cave Creek. Cave Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Cave Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2058 Central Region: Cave Lake. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Cave Lake. Cave Lake is located in White Pine County.

STANDARDS OF WATER QUALITY
Cave Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2062 Central Region: Pine Creek (White Pine County). (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Pine Creek (White Pine County) from its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M. Pine Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Pine Creek (White Pine County)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2064 Central Region: Ridge Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Ridge Creek from its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M. Ridge Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Ridge Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2066 Central Region: Currant Creek at the national forest boundary. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Currant Creek from

its origin to the national forest boundary. This segment of Currant Creek is located in Nye and White Pine Counties.

STANDARDS OF WATER QUALITY
Currant Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2068 Central Region: Currant Creek at Currant. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Currant Creek from the national forest boundary to Currant. This segment of Currant Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Currant Creek at Currant

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2092 Great Salt Lake Region: Designated beneficial uses. (NRS 445A.425, 445A.520**)** The designated beneficial uses for select bodies of water within the Great Salt Lake Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Snake Creek above the fish hatchery	Above the fish hatchery.	X	X	X	X	X	X	X	X				NAC 445A.2096
Snake Creek below the fish hatchery	Below the fish hatchery to the Nevada-Utah state line.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2098
Baker Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2102
Lehman Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2104

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Silver Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.2106
Silver Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2108
Hendry's Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.2112

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2094 Great Salt Lake Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Great Salt Lake Region are prescribed in NAC 445A.2094 to 445A.2112, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2096 Great Salt Lake Region: Snake Creek above the fish hatchery. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Snake Creek above the fish hatchery. This segment of Snake Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Snake Creek above the fish hatchery

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	X							
ΔT^b - °C	ΔT = 0	ΔT ≤ 2											
pH - SU		S.V. 6.5 - 9.0 Δ pH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.05 S.V. ≤ 0.08	A-Avg. ≤ 0.1			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l	Nitrate A-Avg. ≤ 0.22 S.V. ≤ 0.44	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					
Total Dissolved Solids - mg/l	A-Avg. ≤ 100 S.V. ≤ 125	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 10 S.V. ≤ 20	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 100 S.V. ≤ 200	~~≤ 200/400~~ [e] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

~~[e] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2098 Great Salt Lake Region: Snake Creek below the fish hatchery. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Snake Creek below the fish hatchery to the Nevada-Utah state line. This segment of Snake Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Snake Creek below the fish hatchery

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2102 Great Salt Lake Region: Baker Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Baker Creek from its origin to the national forest boundary. Baker Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Baker Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2104 Great Salt Lake Region: Lehman Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Lehman Creek from its origin to the national forest boundary. Lehman Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Lehman Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2106 Great Salt Lake Region: Silver Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Silver Creek from its origin to the national forest boundary. Silver Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Silver Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2108 Great Salt Lake Region: Silver Creek Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Silver Creek Reservoir. Silver Creek Reservoir is located in White Pine County.

STANDARDS OF WATER QUALITY
Silver Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2112 Great Salt Lake Region: Hendry's Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Hendry's Creek from its origin to the national forest boundary. Hendry's Creek is located in White Pine County.

STANDARDS OF WATER QUALITY
Hendry's Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X				*			
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~**Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.**~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2132 Escalante Desert Region: No designated beneficial uses. (NRS 445A.425**,** 445A.520**)** There are no designated beneficial uses for select bodies of water within the Escalante Desert Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2134 Escalante Desert Region: No designated standards. (NRS 445A.425**,** 445A.520**)** There are no designated standards for water quality for select bodies of water within the Escalante Desert Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2142 Colorado Region: Designated beneficial uses. (NRS 445A.425**,** 445A.520**)** The designated beneficial uses for select bodies of water within the Colorado Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Colorado River below Davis Dam	From the Lake Mohave Inlet to the Arizona-Nevada state line below Davis Dam.	X	X	X	X	X	X	X	X				NAC 445A.2146
Colorado River below Hoover Dam	From Hoover Dam to the Lake Mohave Inlet.	X	X	X	X	X	X	X	X				NAC 445A.2148
Lake Mead	Lake Mead, excluding the area covered by NAC 445A.2154, Inner Las Vegas Bay.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.2152
Inner Las Vegas Bay	Lake Mead from the confluence of the Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay.	X	X	X		X		X	X				Warm-water fishery	NAC 445A.2154
Las Vegas Wash at Telephone Line Road	From the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants to Telephone Line Road. This segment encompasses the discharge from the City of Henderson wastewater treatment plant.	X	X	X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery	NAC 445A.2156
Las Vegas Wash at Lake Mead	From Telephone Line Road to its confluence with Lake Mead.	X	X	X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery	NAC 445A.2158

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Virgin River at the state line	At the Arizona-Nevada state line, near Littlefield, Arizona.	X	X	X		X		X	X					NAC 445A.2162
Virgin River at Mesquite	From the Arizona-Nevada state line to Mesquite.	X	X	X		X		X	X					NAC 445A.2164
Virgin River at Lake Mead	From Mesquite to the river mouth at Lake Mead.	X	X	X		X		X	X					NAC 445A.2166
Muddy River at the Glendale Bridge	From the river source to the Glendale Bridge, except for the length of the river within the exterior borders of the Moapa Indian Reservation.	X	X	X	X	X	X	X	X					NAC 445A.2168
Muddy River at the Wells Siding Diversion	From the Glendale Bridge to the Wells Siding Diversion.	X	X	X	X	X		X	X					NAC 445A.2172
Muddy River at Lake Mead	From the Wells Siding Diversion to the river mouth at Lake Mead.	X	X	X	X	X		X	X					NAC 445A.2174
Meadow Valley Wash	From the bridge above Rox to its confluence with the Muddy River.	X	X	X		X		X	X					NAC 445A.2176
Beaver Dam Wash	Above Schroeder Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2178
Schroeder Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2182
White River at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2184
White River at Ellison Creek	From the national forest boundary to its confluence with Ellison Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2186
Dacey Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2188
Sunnyside Creek	From its origin to Adams McGill Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2192
Adams McGill Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2194
Hay Meadow Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2196
Nesbitt Lake	The entire lake.	X	X	X	X	X	X	X	X					NAC 445A.2198
Pahranagat Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2202
Bowman Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2204
Eagle Valley Creek	From its headwaters to Eagle Valley Reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2206
Eagle Valley Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2208
Echo Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2212
Clover Creek	From its origin to the point where it crosses the east range line of T. 4 S., R. 67 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2214

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Noncontact	Recreation not involving contact with the water													
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, or both													
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2144 Colorado Region: Standards for select bodies of water. (NRS 445A.425**,** 445A.520**)** The standards for water quality for select bodies of water within the Colorado Region are prescribed in NAC 445A.2144 to 445A.2214, inclusive.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2146 Colorado Region: Colorado River below Davis Dam. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Colorado River from the Lake Mohave Inlet to the Arizona-Nevada state line below Davis Dam. This segment of the Colorado River is located in Clark County.

STANDARDS OF WATER QUALITY
Colorado River below Davis Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.02 S.V. ≤ 0.03	A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate A-Avg. ≤ 1.1 S.V. ≤ 1.6	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 50 S.V. ≤ 100	~~≤ 200/400~~ [f] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] The salinity standard for the Colorado River system is specified in NAC 445A.143.

~~[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2148 Colorado Region: Colorado River below Hoover Dam. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Colorado River from Hoover Dam to the Lake Mohave Inlet. This segment of the Colorado River is located in Clark County.

STANDARDS OF WATER QUALITY
Colorado River below Hoover Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	X							
ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.02 S.V. ≤ 0.033	A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.0 S.V. ≤ 1.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml	A.G.M. ≤ 50 S.V. ≤ 100	~~≤ 200/400~~ [f] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] The salinity standard for the Colorado River system is specified in NAC 445A.143.

~~[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2152 Colorado Region: Lake Mead. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Lake Mead, excluding the area covered by NAC 445A.2154, Inner Las Vegas Bay. Lake Mead is located in Clark County.

STANDARDS OF WATER QUALITY
Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature ΔT^b - °C	ΔT = 0	ΔT ≤ 2			*								
pH - SU	95% of S.V. samples ≤ 8.8	S.V. 6.5 - 9.0	X	X	*	X		X	X	X			
Chlorophyll *a* - µg/l	[c]				*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen 95% of S.V. samples ≤ 4.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1	X		*			*		X			
Total Ammonia (as N) - mg/l		[d]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0 in the epilimnion or average in water column during periods of nonstratification	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*		X						
Turbidity - NTU	[e]	S.V. ≤ 25			*	X	X	X					
Color - PCU	[f]						*	X					
Total Dissolved Solids - mg/l	Flow Weighted A-Avg. Concentration ≤ 723 measured below Hoover Dam[g]	S.V. ≤ 1000		X				*					
Chloride - mg/l	[h]	S.V. ≤ 400[h]	X					*		X			
Sulfate - mg/l	[h]	S.V. ≤ 500[h]						*					
E. coli - MF/100ml		30-day log mean ≤ 126 S.V. ≤ 235	X	X		*	X	X					
Fecal Coliform - MF or MPN/100 ml		≤ 200/400[i]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.

[c] The requirements for chlorophyll *a* are:

1. Not more than 1 monthly mean in a calendar year at Station LWLVB 1.85 may exceed 45µg/l. Station LWLVB 1.85 is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.
2. The mean for chlorophyll *a* in summer (July 1-September 30) must not exceed 40 µg/l at Station LWLVB 1.85, and the mean for 4 consecutive summer years must not exceed 30 µg/l. The sample must be collected from the center of the channel and must be representative of the top 5 meters of the channel. Station LWLVB 1.85 is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.
3. The mean for chlorophyll *a* in the growing season (April 1-September 30) must not exceed 16 µg/l at Station LWLVB 2.7 and 9 µg/l at Station LWLVB 3.5. Station LWLVB 2.7 is located at a distance of 2.7 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead. Station LWLVB 3.5 is located at a distance of 3.5 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.
4. The mean for chlorophyll *a* in the growing season (April 1-September 30) must not exceed 5 µg/l in the open water of Boulder Basin, Virgin Basin, Gregg Basin and Pierce Basin. The single value must not exceed 10 µg/l for more than 5 percent of the samples.
5. Not less than two samples per month must be collected between the months of March and October. During the months when only one sample is available, that value must be used in place of the monthly mean.

[d] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[e] Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.

[f] Color must not exceed that characteristic of natural conditions by more than 10 PCU.

[g] The salinity standard for the Colorado River System is specified in NAC 445A.143.

[h] The combination of this constituent with other constituents comprising TDS must not result in the violation of the TDS standards for Lake Mead and the Colorado River.

[i] Based on a minimum of not less than five samples taken over a 30-day period, the fecal coliform bacterial level must not exceed a log mean of 200 per 100 milliliters, nor must more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

➥ The Commission recognizes that at entrances of tributaries to Lake Mead, localized violations of standards may occur.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2154 Colorado Region: Inner Las Vegas Bay. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as Inner Las Vegas Bay, consisting of Lake Mead from the confluence of the Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay. Inner Las Vegas Bay is located in Clark County.

STANDARDS OF WATER QUALITY
Inner Las Vegas Bay

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*								
pH - SU	95% of S.V. samples ≤ 8.9	S.V. 6.5 - 9.0	X	X	*				X	*			
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen 95% of S.V. samples ≤ 5.3	Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5	X		*					X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*		X			X			
Suspended Solids - mg/l		S.V. ≤ 25			*		X						
Turbidity - NTU	[d]	S.V. ≤ 25			*		X						
Total Dissolved Solids - mg/l	[e]	S.V. ≤ 3000	*	X									
Fecal Coliform MF or MPN/100 ml		≤ 200/400[f]	X	X			X			X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The requirement for water quality with regard to the concentration of total ammonia is provided pursuant to the provisions of NAC 445A.118. Data must be collected at Station LWLVB 1.2. Station LWLVB 1.2 is located at the center of the channel at a distance of 1.2 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.
[d] Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.
[e] The salinity standard for the Colorado River System is specified in NAC 445A.143.
[f] Any discharge from a point source into Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.
➥ The Commission recognizes that, because of discharges of tributaries, localized violations of standards may occur in the Inner Las Vegas Bay.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2156 Colorado Region: Las Vegas Wash at Telephone Line Road. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Las Vegas Wash from the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants to Telephone Line Road. This segment encompasses the discharge from the City of Henderson wastewater treatment plant. This segment of the Las Vegas Wash is located in Clark County.

STANDARDS OF WATER QUALITY
Las Vegas Wash at Telephone Line Road

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X			X			X
Aquatic Life Species of Concern			Excluding fish, this does not preclude the establishment of a fishery.										
Temperature ΔT^b - °C	$\Delta T = 0$												
pH - SU		S.V. 6.5 - 9.0	X	X	*					*			
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen 95% of S.V. Samples ≤ 20	Nitrate S.V. ≤ 100 Nitrite S.V. ≤ 10	*							X			
Dissolved Oxygen - mg/l		[c]	X		*		X			X			
Suspended Solids - mg/l		S.V. ≤ 135[d]			*								
Total Dissolved Solids - mg/l	95% of S.V. samples ≤ 1900	S.V. ≤ 3000	*	X									X
Fecal Coliform MF or MPN/100 ml		[e]	X	X			*			X			

* = The most restrictive beneficial use.

X = Beneficial use.

\ The goal of the standards set forth in this table is to ensure that the beneficial uses for the body of water described in this section will include, without limitation, the propagation of aquatic life, including, without limitation, fish by the next triennial review required by the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone except during storm flow conditions.

[c] Aerobic conditions are desirable for the beneficial uses of propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with water and propagation of wildlife. So as not to prevent the development and restoration of marshes and wetlands in the Las Vegas Wash, aerobic conditions are established as a goal rather than a standard and the goal is not intended to preclude development of a limited fishery in selected areas. Aerobic conditions is intended to mean the absence of objectionable odors that may be caused by wastewater discharges in excess of existing odors.

[d] Suspended solids standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. "Average flow" is defined as the 12-month rolling average of the average monthly flow.

[e] Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2158 Colorado Region: Las Vegas Wash at Lake Mead. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Las Vegas Wash from Telephone Line Road to its confluence with Lake Mead. This segment of the Las Vegas Wash is located in Clark County.

STANDARDS OF WATER QUALITY \
Las Vegas Wash at Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X			X			X
Aquatic Life Species of Concern			Excluding fish, this does not preclude the establishment of a fishery.										

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature ΔT^b - °C	$\Delta T = 0$												
pH - SU		S.V. 6.5 - 9.0	X	X	*					*			
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen 95% of S.V. samples ≤ 17	Nitrate S.V. ≤ 100 Nitrite S.V. ≤ 10	*							X			
Dissolved Oxygen - mg/l		[c]	X		*		X			X			
Suspended Solids - mg/l		S.V. ≤ 135[d]			*								
Total Dissolved Solids - mg/l	95% of S.V. samples ≤ 2400	S.V. ≤ 3000	*	X									X
Fecal Coliform - MF or MPN/100 ml		[e]	X	X			*			X			

* = The most restrictive beneficial use.

X = Beneficial use.

\ The goal of the standards set forth in this table is to ensure that the beneficial uses for the body of water described in this section will include, without limitation, the propagation of aquatic life, including, without limitation, fish by the next triennial review required by the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.

[c] Aerobic conditions are desirable for the beneficial uses of propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with water and propagation of wildlife. So as not to prevent the development and restoration of marshes and wetlands in the Las Vegas Wash, aerobic conditions are established as a goal rather than a standard and the goal is not intended to preclude development of a limited fishery in selected areas. Aerobic conditions is intended to mean the absence of objectionable odors that may be caused by wastewater discharges in excess of existing odors.

[d] Suspended solids standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. "Average flow" is defined as the 12-month rolling average of the average monthly flow.

[e] Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2162 Colorado Region: Virgin River at the state line. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Virgin River at the Arizona-Nevada state line, near Littlefield, Arizona. This segment of the Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY
Virgin River at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*		X		X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.06 S.V. ≤ 0.1	A-Avg. ≤ 0.1			*		X						
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 2.4 S.V. ≤ 3.2	Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*		X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 ml	A.G.M. ≤ 450 S.V. ≤ 1800	~~A.G.M. ≤ 1000~~ S.V. ≤ ~~2000~~ *1000*	X	~~X~~ *			~~*~~ X			X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The salinity standard for the Colorado River System is specified in NAC 445A.143.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2164 Colorado Region: Virgin River at Mesquite. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the Virgin River from the Arizona-Nevada state line to Mesquite. This segment of the Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY
Virgin River at Mesquite

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*		X		X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*		X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.6	Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*		X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 ml	A.G.M. ≤ 300 S.V. ≤ 550	~~A.G.M. ≤ 1000~~ S.V. ≤ ~~2000~~ *1000*	X	~~X~~ *			~~*~~ X			X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The salinity standard for the Colorado River System is specified in NAC 445A.143.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2166 Colorado Region: Virgin River at Lake Mead. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Virgin River from Mesquite to the river mouth at Lake Mead. This segment of the Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY
Virgin River at Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*		X		X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*		X						
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤ 90	X		*		X			X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
(as N) - mg/l	A-Avg. ≤ 2.9 S.V. ≤ 6.1	Nitrite S.V. ≤ 5.0											
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*		X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 ml	A.G.M. ≤ 625 S.V. ≤ 1250	~~A.G.M. ≤ 1000~~ S.V. ≤ ~~2000~~ *1000*	X	~~X~~ *			~~*~~ X			X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The salinity standard for the Colorado River System is specified in NAC 445A.143.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2168 Colorado Region: Muddy River at the Glendale Bridge. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Muddy River from the river source to the Glendale Bridge, except for the length of the river within the exterior borders of the Moapa Indian Reservation. This segment of the Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY
Muddy River at the Glendale Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature °C - Source Springs to Warm Springs Bridge Warm Springs Bridge to Glendale Bridge		19≤T≤32 15≤T≤30			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
ΔT[b]	$\Delta T = 0°C$	$\Delta T \leq 2°C$											
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$ Max.	X	X	*	X	X	X	X	*			
Total Phosphorus (as P) - mg/l		A-Avg. ≤ 0.1			*	X	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.4	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X		X	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml		~~A.G.M. $\leq$ 1000~~ S.V. $\leq$ ~~2000~~ *1000*	X	~~X~~ *			~~*~~ X	~~*~~ X		X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	*						
Fluoride (as total recoverable) - mg/l		S.V. ≤ 2.6	X	*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.
[e] The salinity standard for the Colorado River System is specified in NAC 445A.143.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2172 Colorado Region: Muddy River at the Wells Siding Diversion. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Muddy River from the Glendale Bridge to the Wells Siding Diversion. This segment of the Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY
Muddy River at the Wells Siding Diversion

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C - ΔT[b]	$\Delta T = 0°C$	15≤T≤30 $\Delta T \leq 2°C$			*								
pH Units		S.V. 6.5 - 9.0 ΔpH ±0.5 Max.	X	X	*	X	X		X	*			
Total Phosphorus (as P) - mg/l		A-Avg. ≤0.3			*	X	X						
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤90 Nitrite S.V. ≤5.0	X		*	X	X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥5.0	X		*	X	X			X			
Turbidity - NTU		[d]			*								
Color – PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100ml		~~A.G.M. ≤ 1000~~ S.V. ≤ ~~2000~~ *1000*	X	~~X~~ *			~~*~~ X			X			
E. coli - No./100ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fluoride (as total recoverable) – mg/l		S.V. ≤ 2.6	X	*									

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The salinity standard for the Colorado River System is specified in NAC 445A.143.

(Added to NAC by Environmental Comm'n by R083-08, eff. 8-26-2008)

NAC 445A.2174 Colorado Region: Muddy River at Lake Mead. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the Muddy River from the Wells Siding Diversion to the river mouth at Lake Mead. This segment of the Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY
Muddy River at Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C - ΔT[b]	$\Delta T = 0°C$[b]	T ≤ 32 $\Delta T \leq 2°C$			*								
pH Units		S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	X	X	*	X	X		X	*			
Total Phosphorus (as P) - mg/l		A-Avg. ≤ 0.3			*	X	X						
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.8	Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0	X		*	X	X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	A.G.M. ≤ 500 S.V. ≤ 1300	~~A.G.M. ≤ 1000~~ S.V. ≤ ~~2000~~ *1000*	X	~~X~~ *			~~*~~ X			X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	*						
Fluoride (as total recoverable) - mg/l		S.V. ≤3.6	X	*									
Boron (as total recoverable) - mg/l		S.V. ≤2.0		*						X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The salinity standard for the Colorado River System is specified in NAC 445A.143.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2176 Colorado Region: Meadow Valley Wash. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Meadow Valley Wash from the bridge above Rox to the Muddy River. The Meadow Valley Wash is located in Clark and Lincoln Counties.

STANDARDS OF WATER QUALITY
Meadow Valley Wash

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*		X		X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*		X						
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 2.0 S.V. ≤ 3.3	Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*		X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 ml		~~A.G.M. $\leq$ 1000~~ S.V. $\leq$ ~~2000~~ *1000*	X	~~X~~ *			~~*~~ X			X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in turbidity must not be more than 10 NTU above natural conditions.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The salinity standard for the Colorado River System is specified in NAC 445A.143.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2178 Colorado Region: Beaver Dam Wash. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as the Beaver Dam Wash above Schroeder Reservoir. The Beaver Dam Wash is located in Lincoln County.

STANDARDS OF WATER QUALITY
Beaver Dam Wash

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.01 S.V. ≤ 0.013	A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 0.22	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410					*	X					
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [f] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] The salinity standard for the Colorado River System is specified in NAC 445A.143.

~~[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2182 Colorado Region: Schroeder Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Schroeder Reservoir. Schroeder Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY
Schroeder Reservoir

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2184 Colorado Region: White River at the national forest boundary. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as the White River from its origin to the national forest boundary. This segment of the White River is located in White Pine County.

STANDARDS OF WATER QUALITY
White River at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2186 Colorado Region: White River at Ellison Creek. (NRS 445A.425, 445A.520) The limits of this table apply to the body of water known as the White River from the national forest boundary to its confluence with Ellison Creek. This segment of the White River is located in White Pine County.

STANDARDS OF WATER QUALITY
White River at Ellison Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2188 Colorado Region: Dacey Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Dacey Reservoir. Dacey Reservoir is located in Nye County.

STANDARDS OF WATER QUALITY
Dacey Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2192 Colorado Region: Sunnyside Creek. (NRS 445A.425, 445A.520) The limits of this table apply to Sunnyside Creek from its origin to Adams McGill Reservoir. Sunnyside Creek is located in Nye County.

STANDARDS OF WATER QUALITY
Sunnyside Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2194 Colorado Region: Adams McGill Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Adams McGill Reservoir. Adams McGill Reservoir is located in Nye County.

STANDARDS OF WATER QUALITY
Adams McGill Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2196 Colorado Region: Hay Meadow Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Hay Meadow Reservoir. Hay Meadow Reservoir is located in Nye County.

STANDARDS OF WATER QUALITY
Hay Meadow Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2198 Colorado Region: Nesbitt Lake. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Nesbitt Lake. Nesbitt Lake is located in Lincoln County.

STANDARDS OF WATER QUALITY
Nesbitt Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 576				*	X						
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2202 Colorado Region: Pahranagat Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Pahranagat Reservoir. Pahranagat Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY
Pahranagat Reservoir

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 298				*	X						
Fecal Coliform - No./100 ml		~~[d]~~ ***S.V. ≤ 1000***	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2204 Colorado Region: Bowman Reservoir. (NRS 445A.425, 445A.520) The limits of this table apply to the entire body of water known as Bowman Reservoir. Bowman Reservoir is located in Clark County.

STANDARDS OF WATER QUALITY
Bowman Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT[b]		T ≤ 34 $\Delta T \leq 3°C$			*								
pH Units		S.V. 6.5 - 9.0	X	X	*	X	X	X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	X	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		[d]	X	X				*					
Fecal Coliform - No./100 ml		~~[e]~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	~~*~~ X		X			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 298				*	X						
Fluoride (as total recoverable) – mg/l		S.V. ≤ 2.6	X	*									

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[d] The salinity standard for the Colorado River System is specified in NAC 445A.143.

~~[e] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R083-08, eff. 8-26-2008)

NAC 445A.2206 Colorado Region: Eagle Valley Creek. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the body of water known as Eagle Valley Creek from its headwaters to Eagle Valley Reservoir. Eagle Valley Creek is located Lincoln County.

STANDARDS OF WATER QUALITY
Eagle Valley Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2208 Colorado Region: Eagle Valley Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Eagle Valley Reservoir. Eagle Valley Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY
Eagle Valley Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2212 Colorado Region: Echo Canyon Reservoir. (NRS 445A.425**,** 445A.520**)** The limits of this table apply to the entire body of water known as Echo Canyon Reservoir. Echo Canyon Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY
Echo Canyon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 235				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~d~~ *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
~~[d] The more stringent of the following apply:~~

~~[1] The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.~~

~~[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2214 Colorado Region: Clover Creek. (NRS 445A.425, 445A.520**)** The limits of this table apply to the body of water known as Clover Creek from its origin to the point where it crosses the east range line of T. 4 S., R. 67 E., M.D.B. & M. Clover Creek is located in Lincoln County.

STANDARDS OF WATER QUALITY
Clover Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorus (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		~~≤ 200/400~~ [d] *S.V. ≤ 1000*	X	~~X~~ *		~~*~~	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ambient water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~**Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.**~~

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2232 Death Valley Region: No designated beneficial uses. (NRS 445A.425**,** 445A.520**)** There are no designated beneficial uses for select bodies of water within the Death Valley Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)

NAC 445A.2234 Death Valley Region: No designated standards. (NRS 445A.425**,** 445A.520**)** There are no designated standards for water quality for select bodies of water within the Death Valley Region.

(Added to NAC by Environmental Comm'n by R160-06, eff. 8-26-2008)